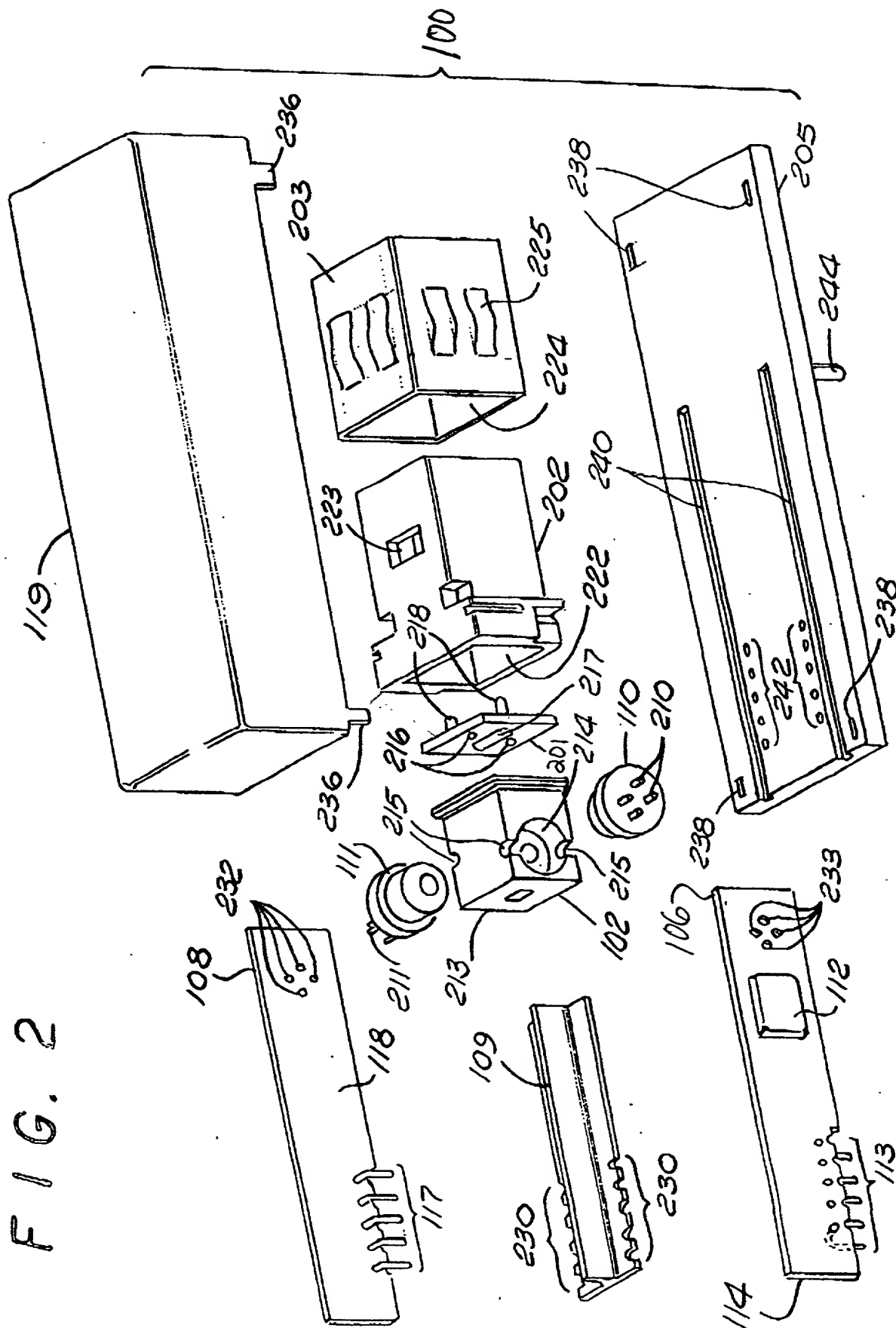
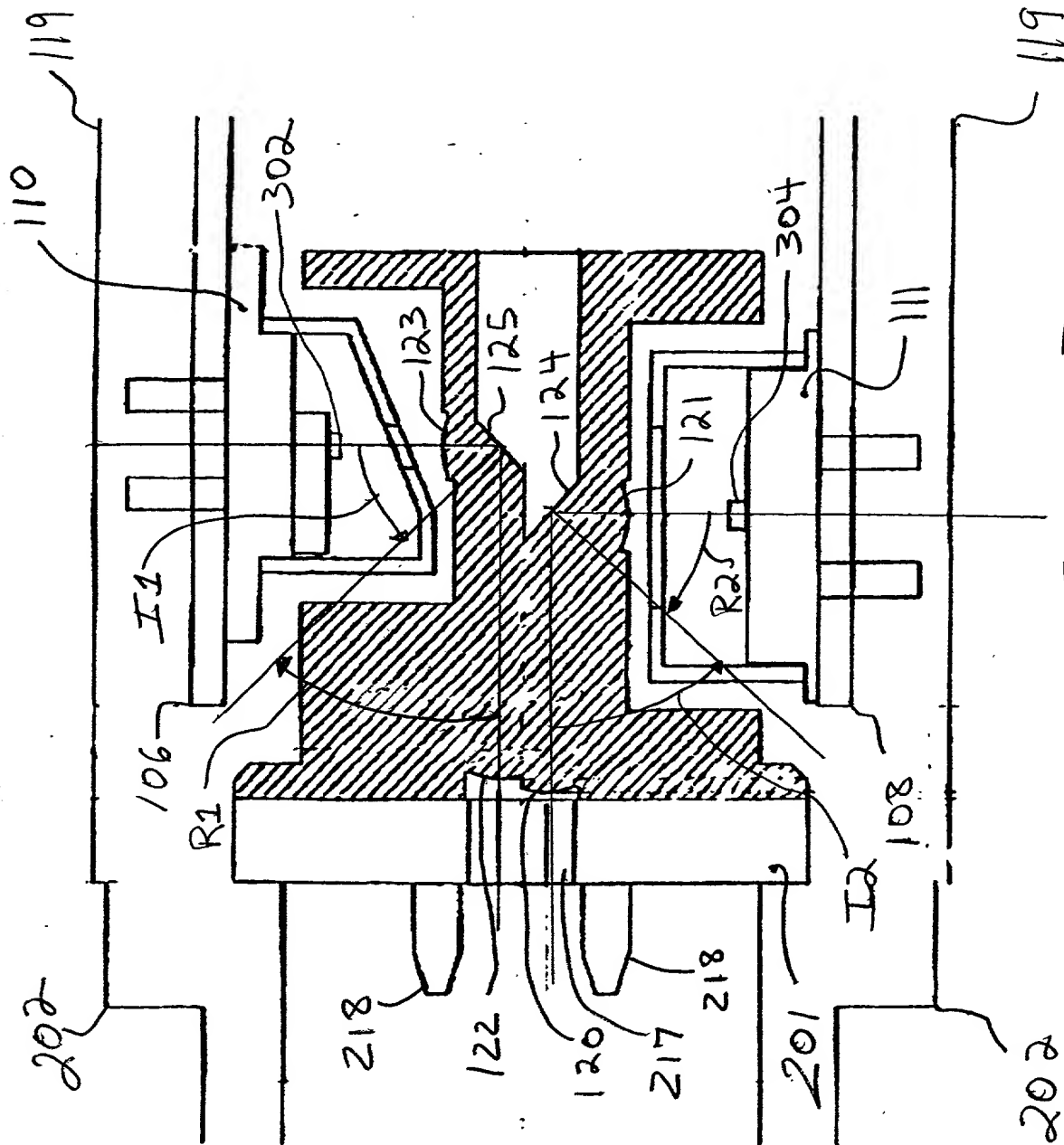


FIG. 1





34 6. 11

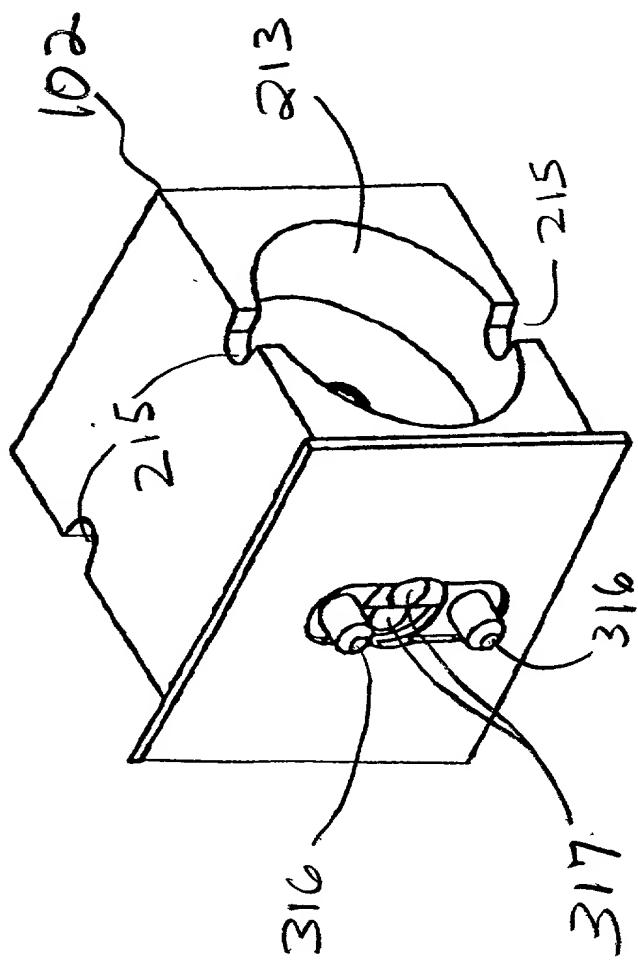


FIG. 3B

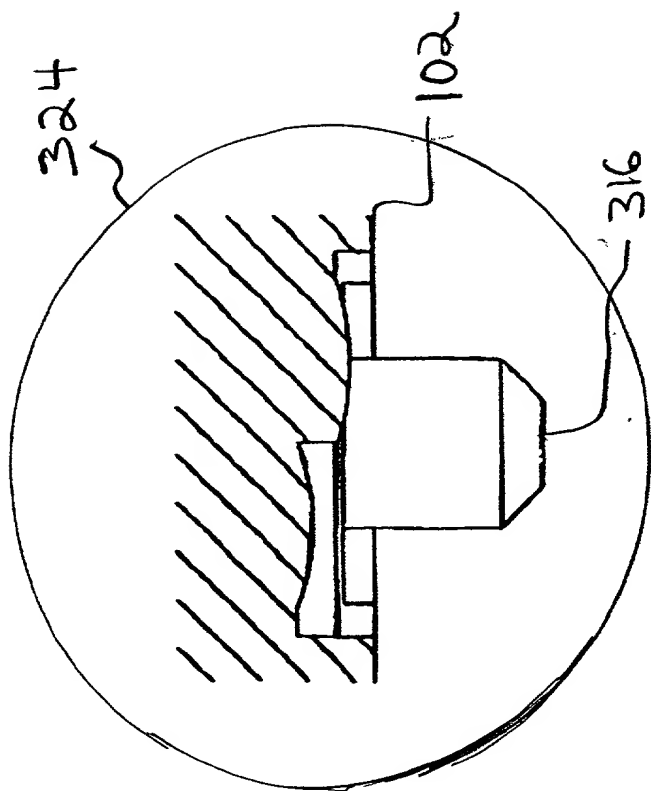


FIG. 3A

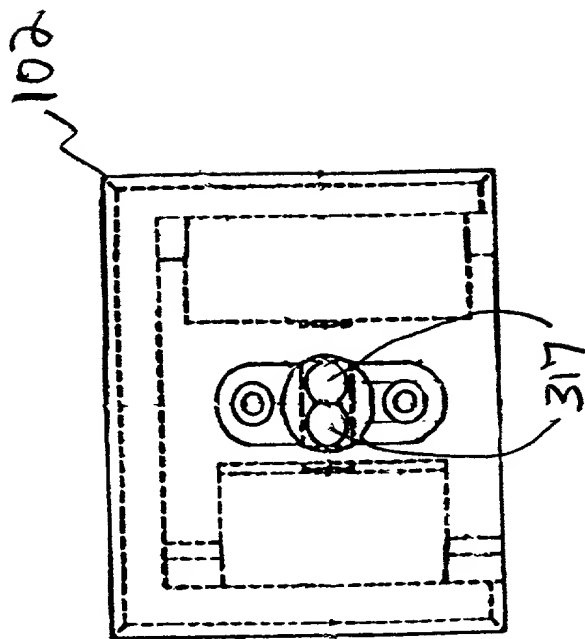


FIG. 3C

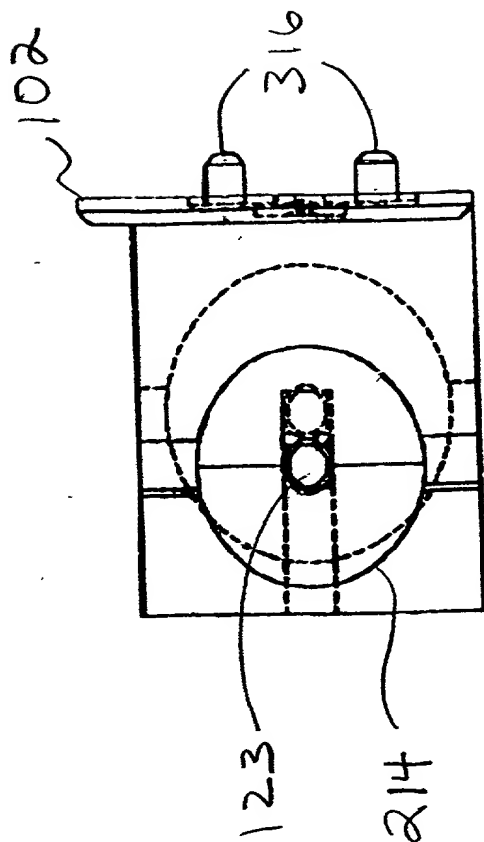


FIG. 3F

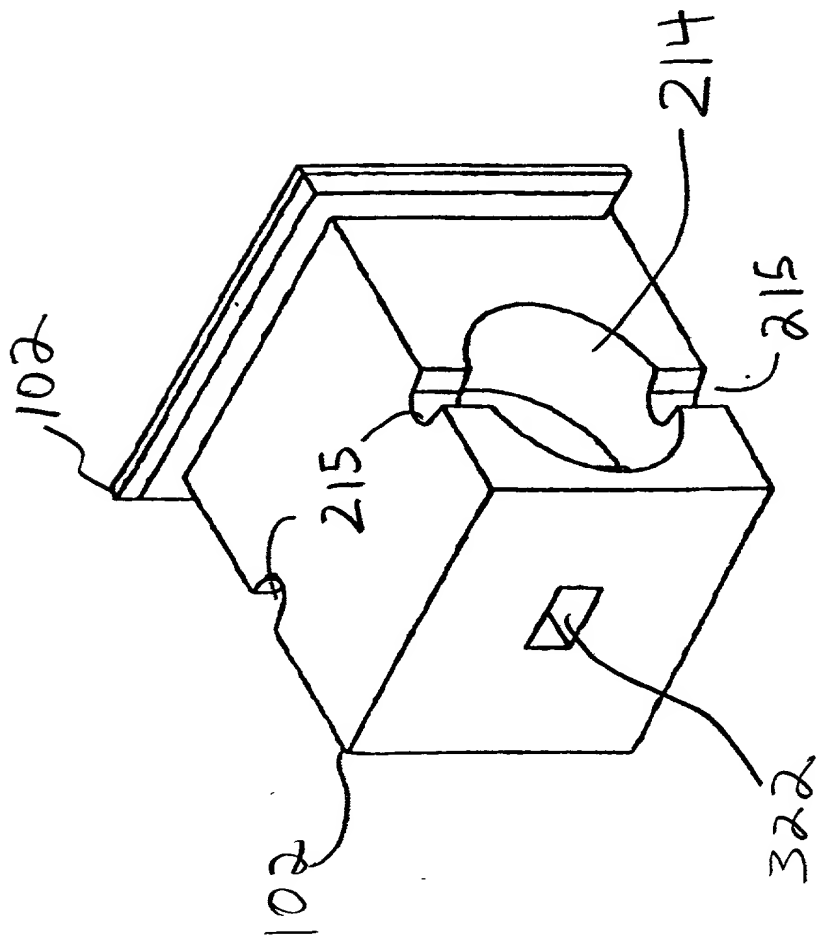


FIG. 3D

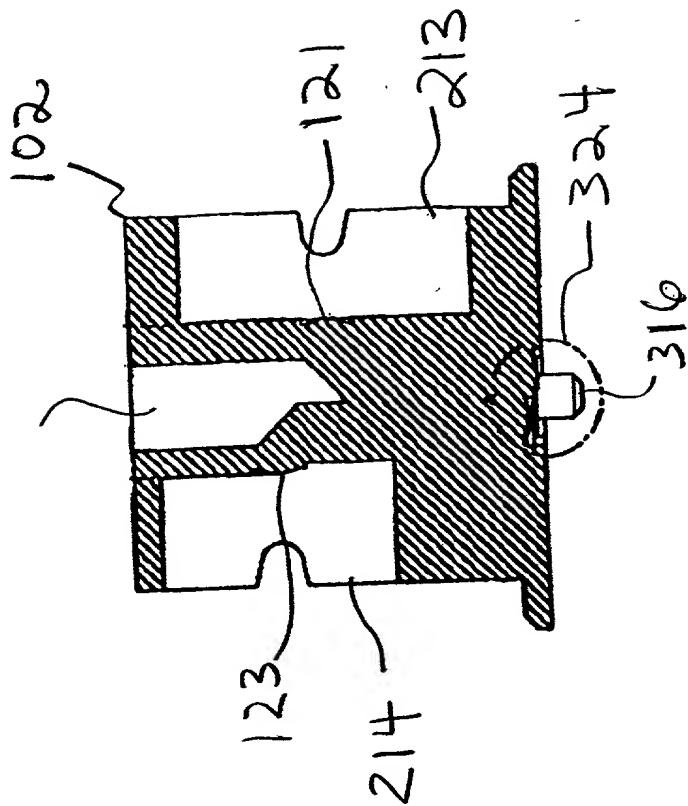


FIG. 3H

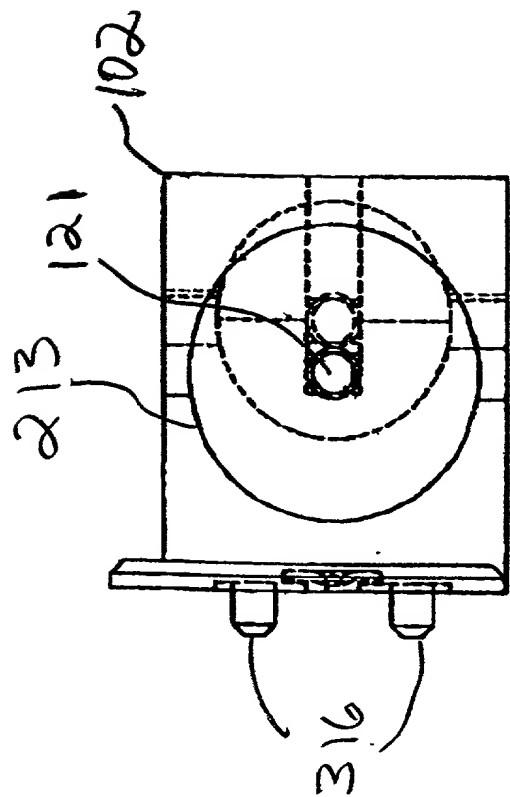


FIG. 3E

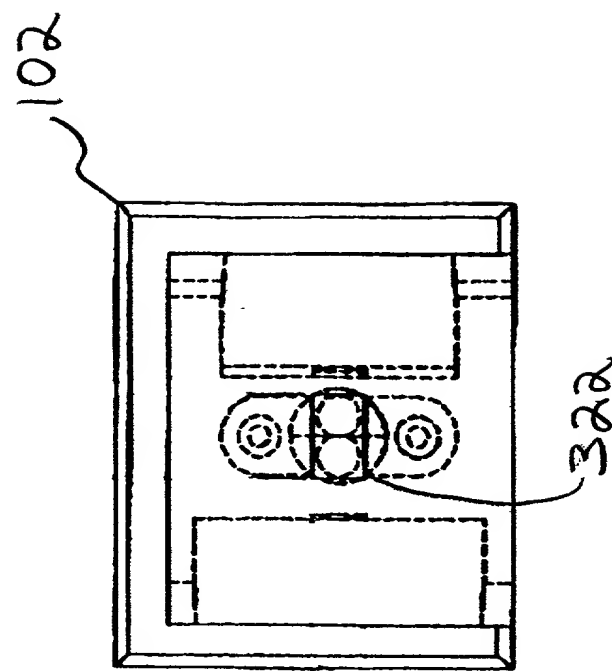


FIG. 3F

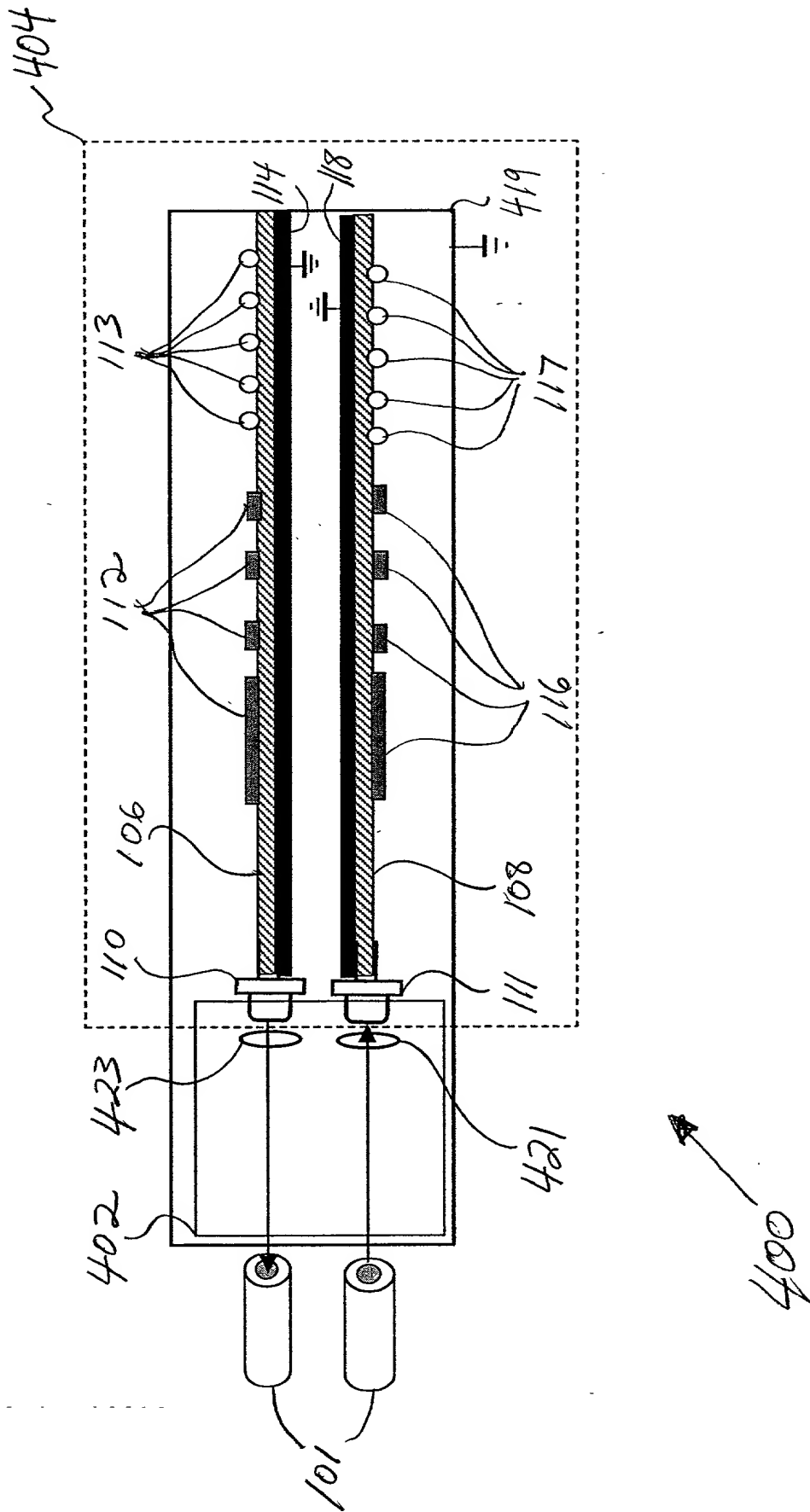


FIG. 4



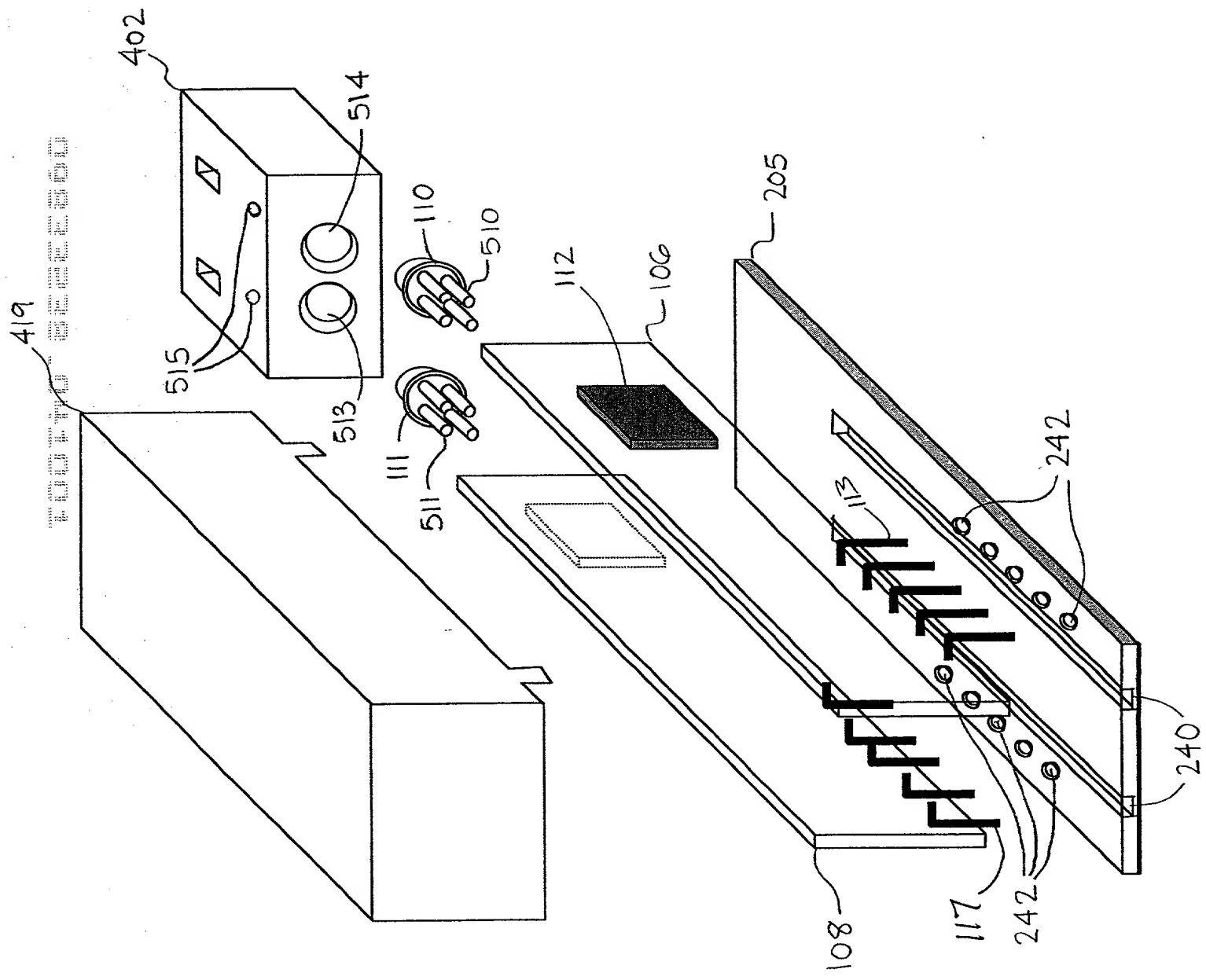


FIG. 5A

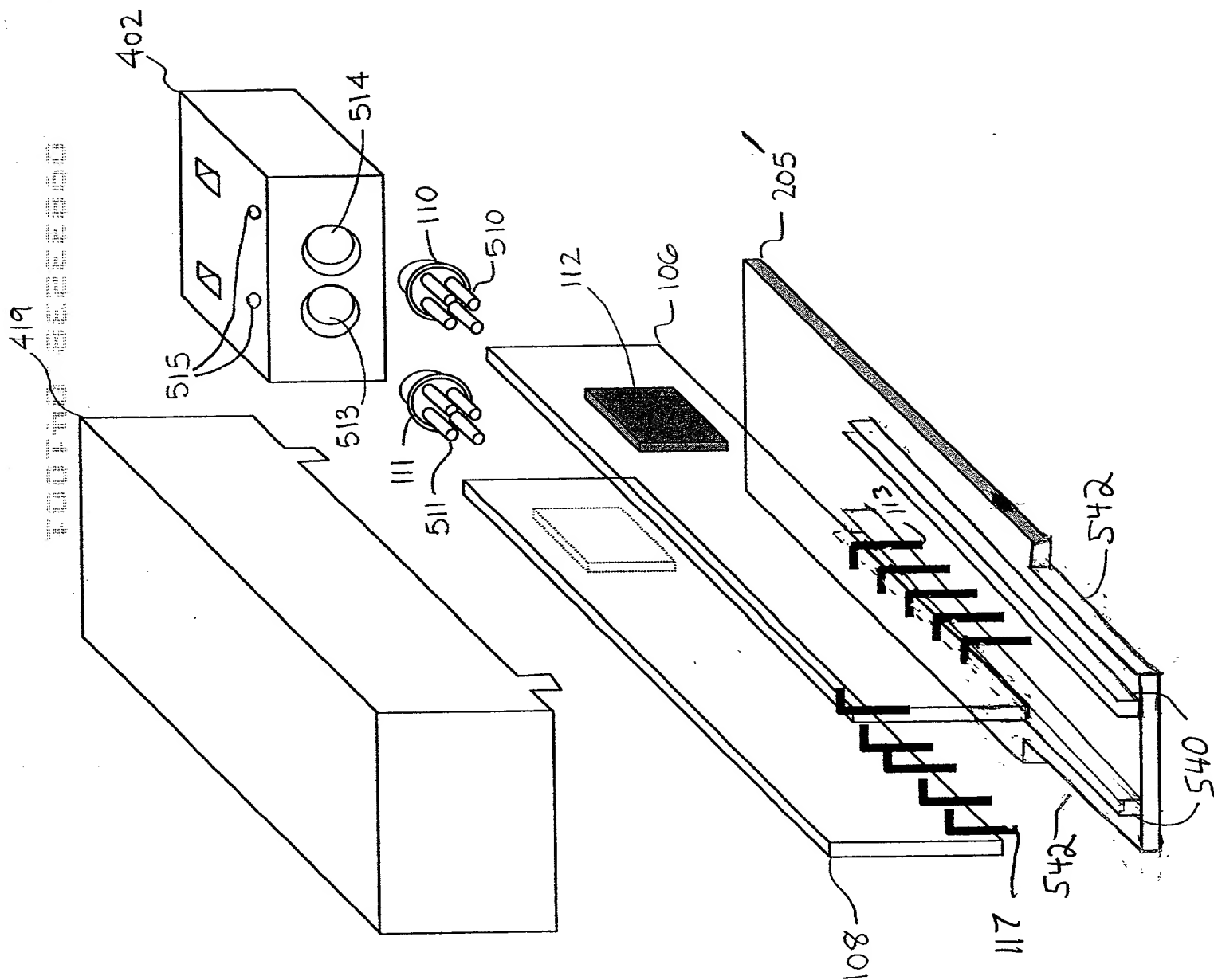


FIG. 5B

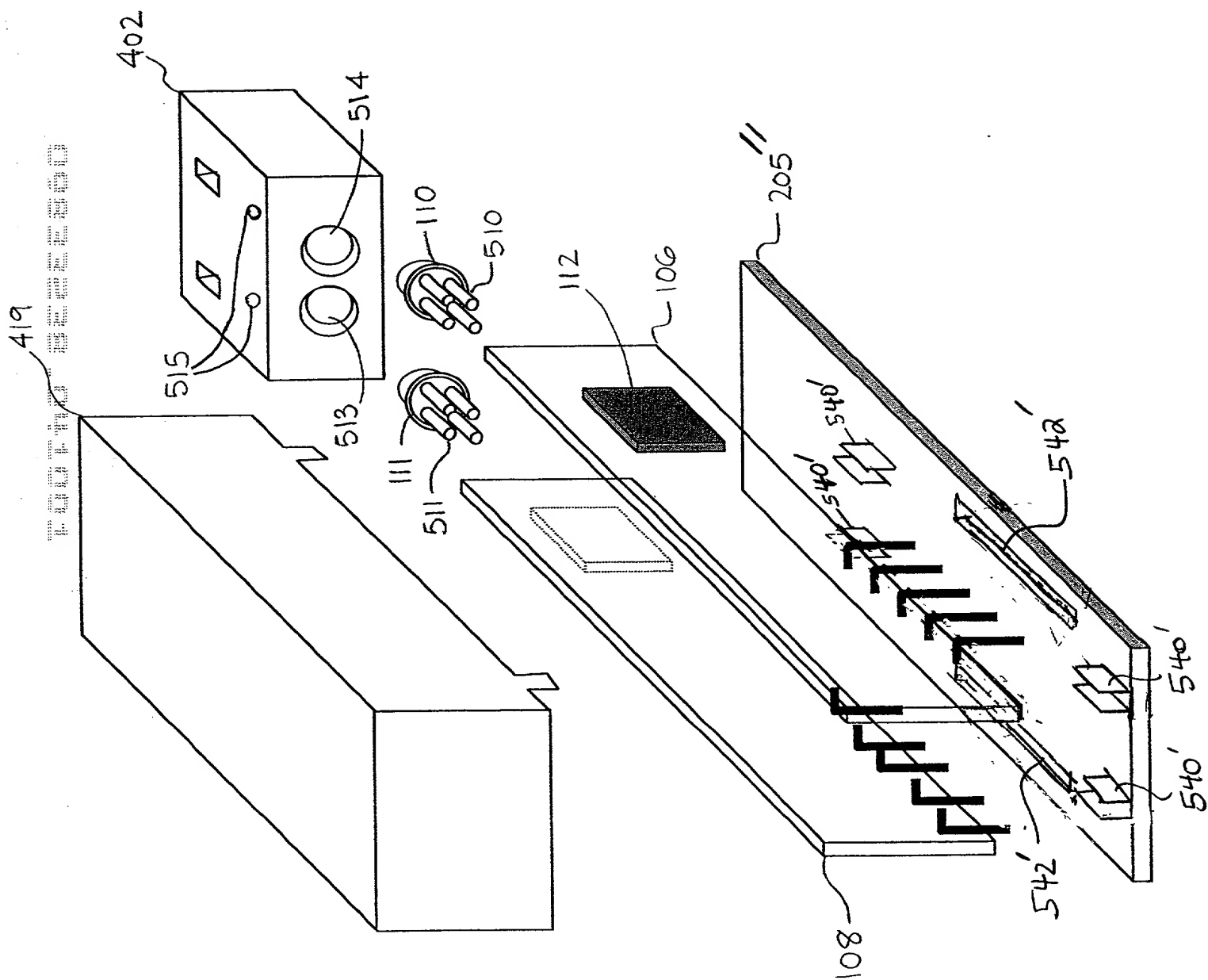


FIG. 5C

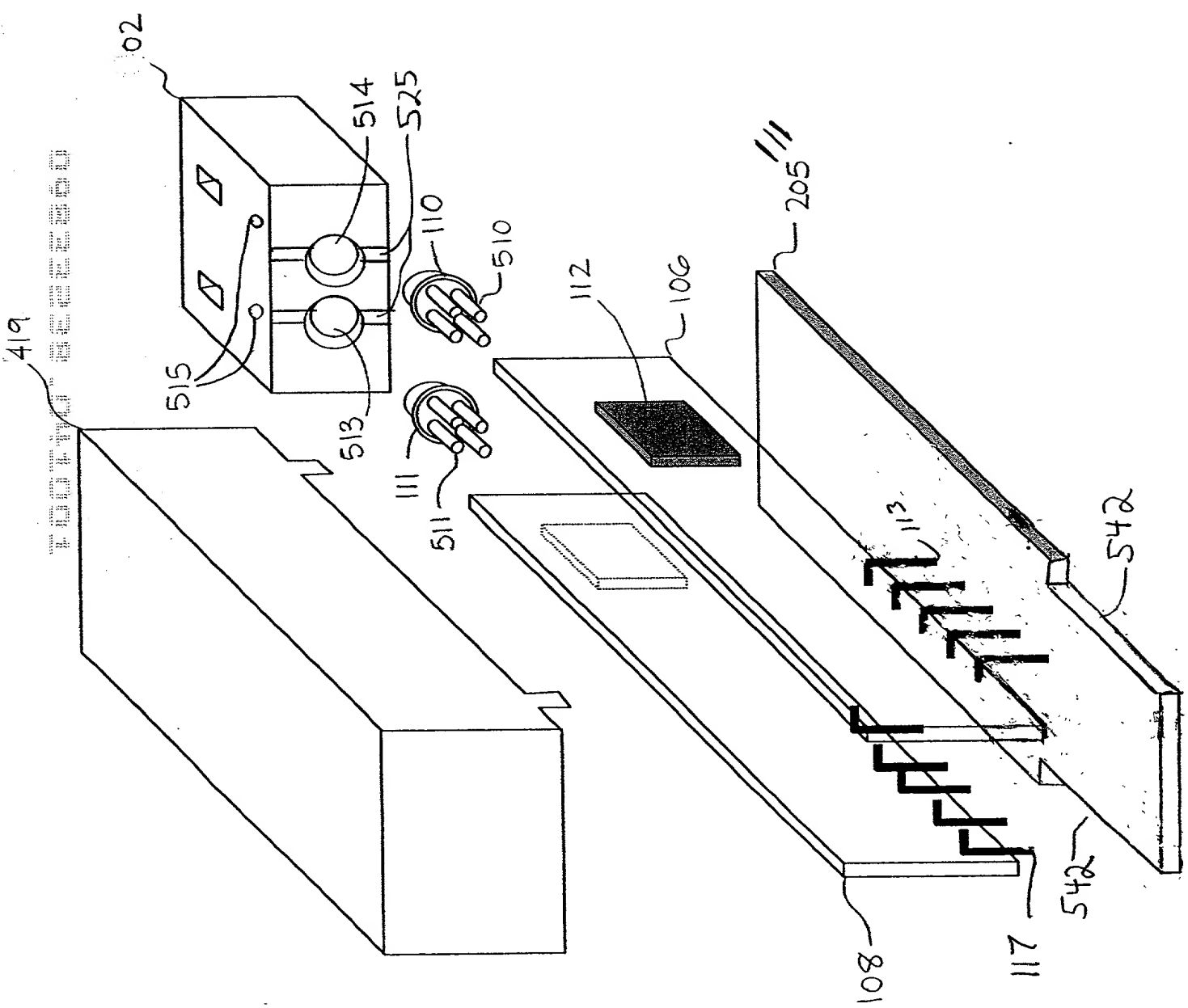


FIG. 5D



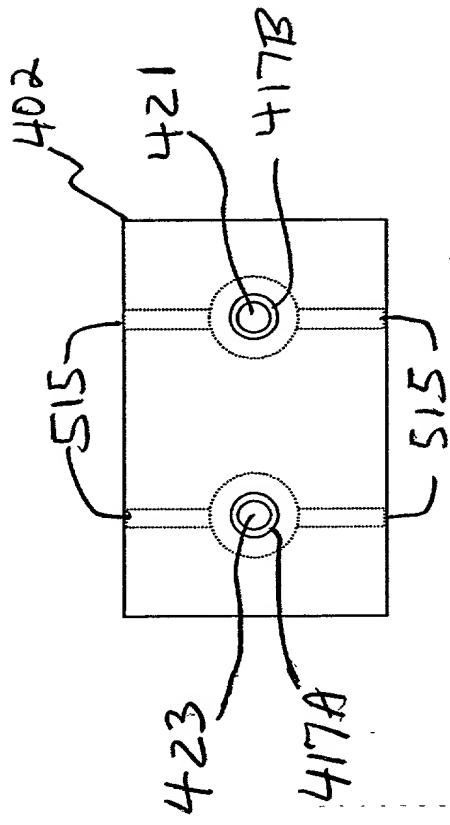


FIG. 6B

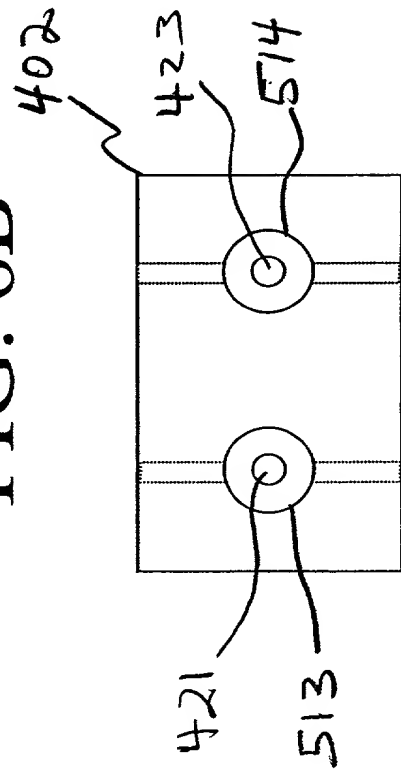


FIG. 6C

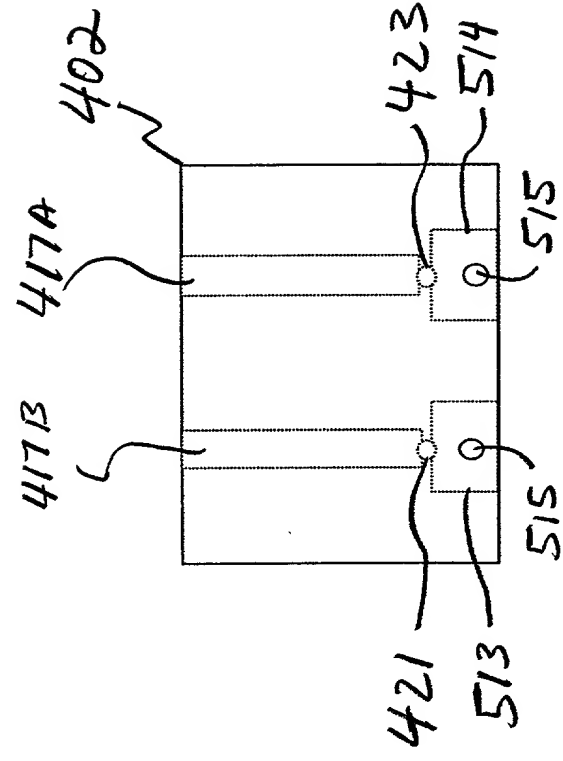


FIG. 6D

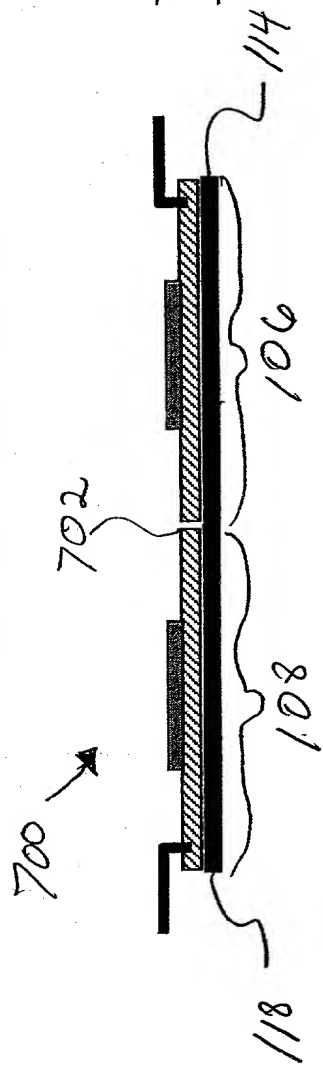


FIG. 7A

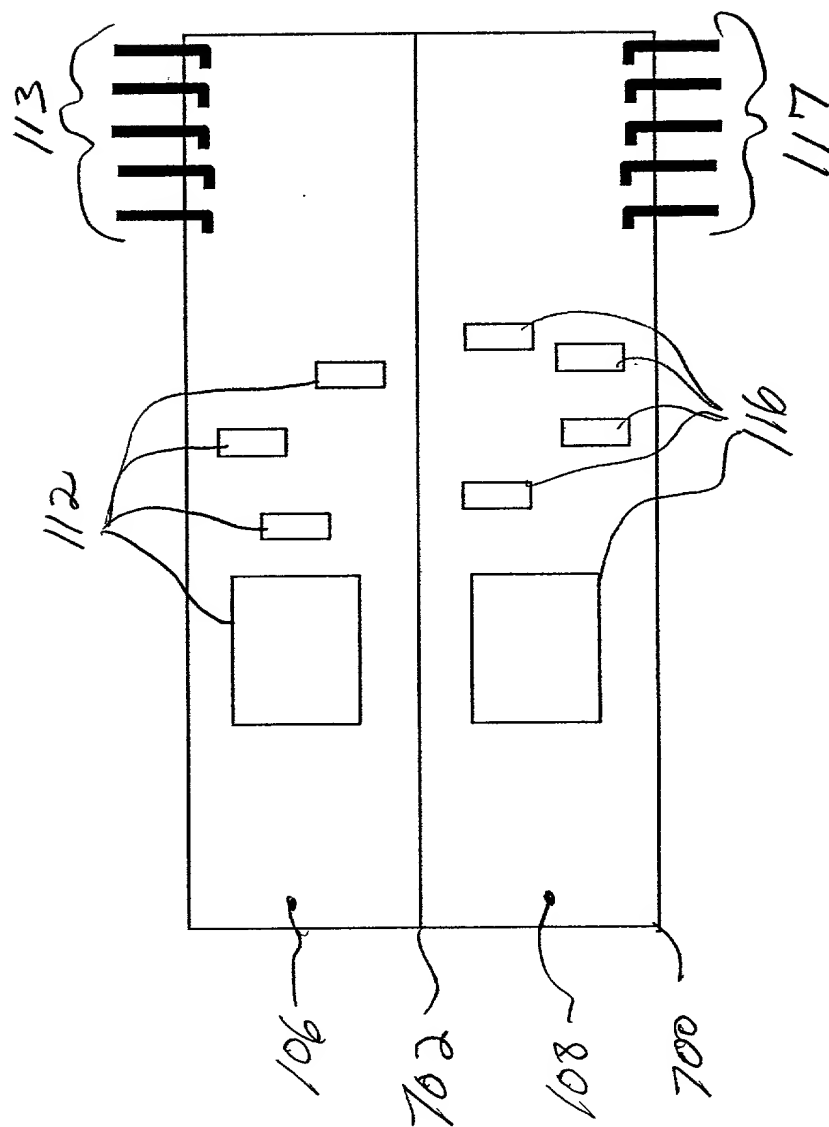
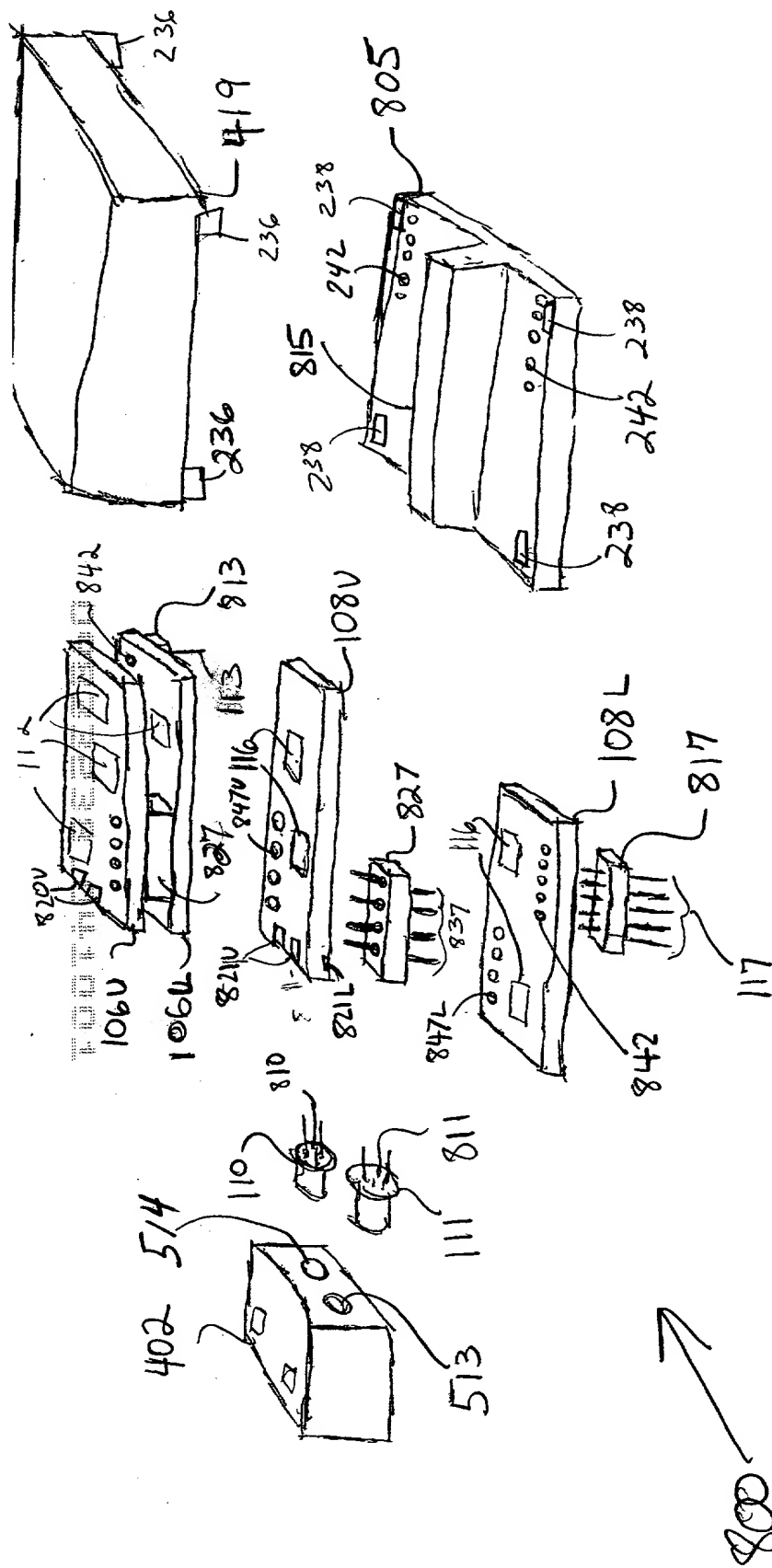


FIG. 7B



$\infty$



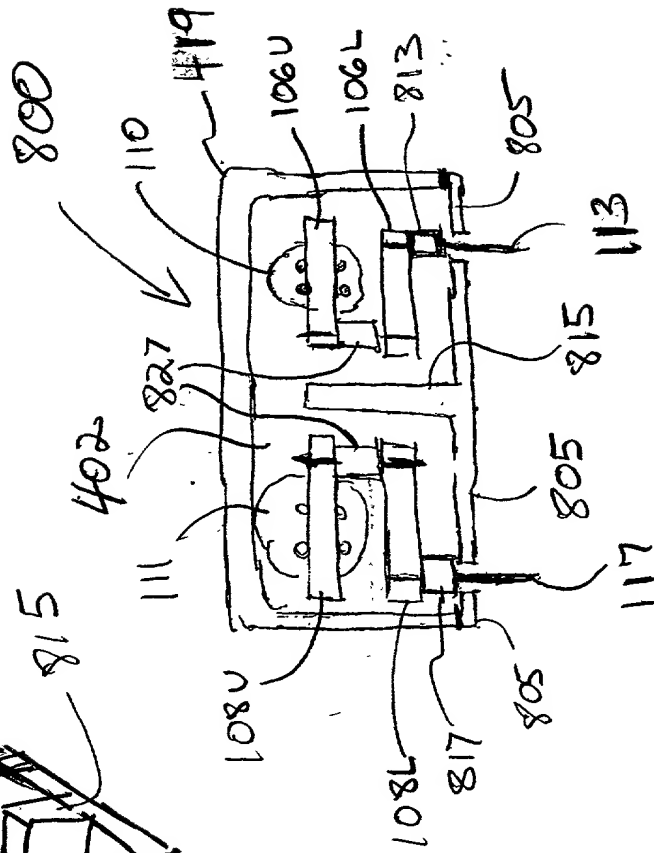
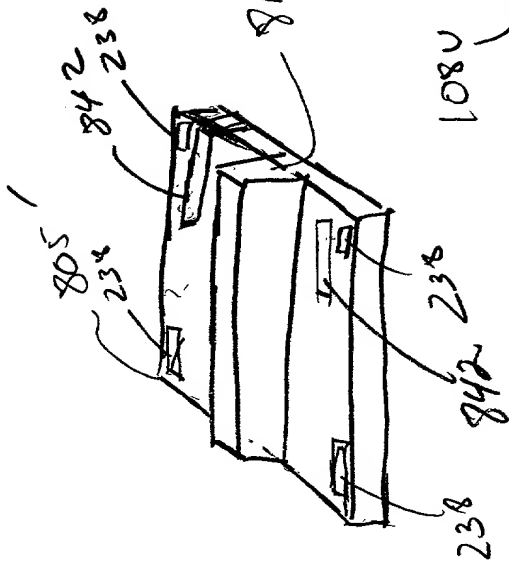


FIG. 8B

FIG. 8C

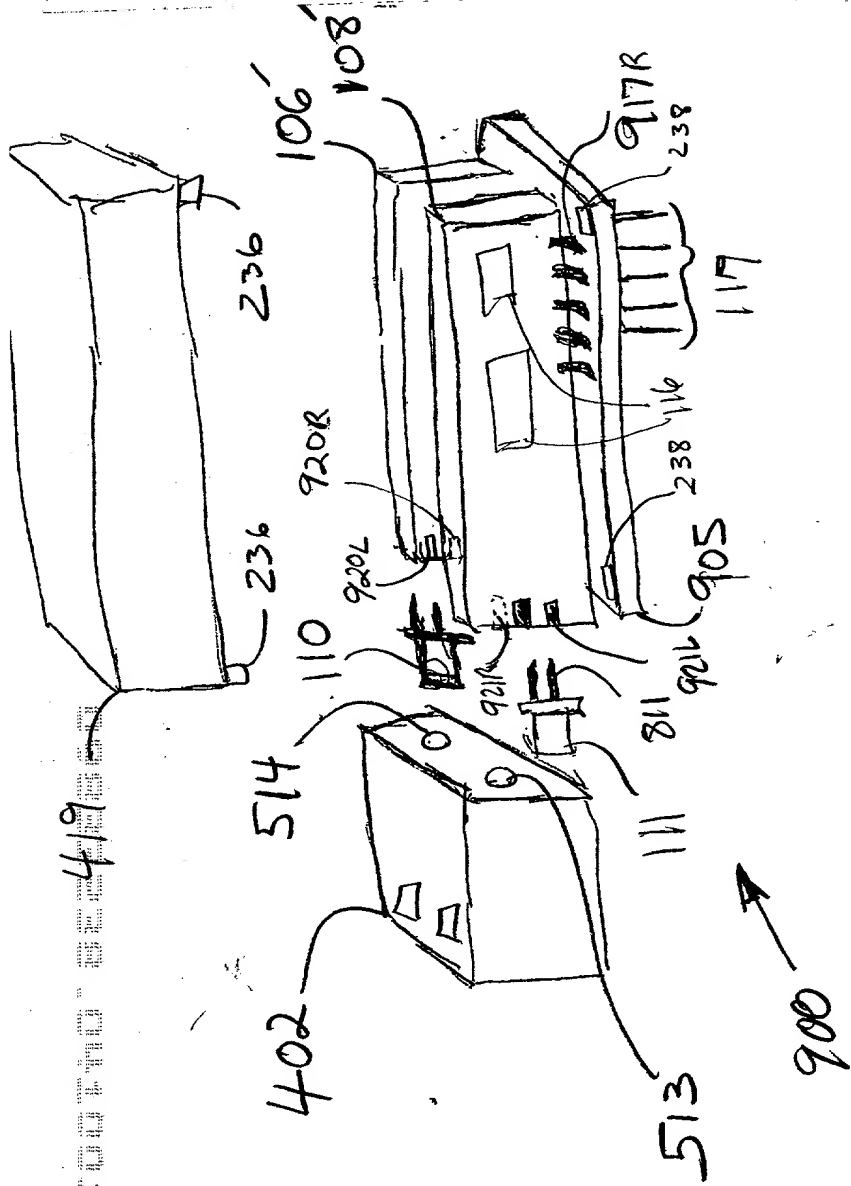
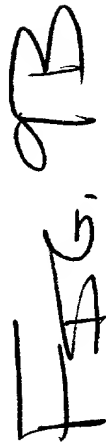
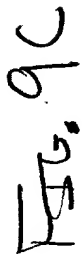
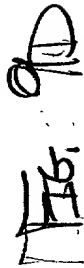
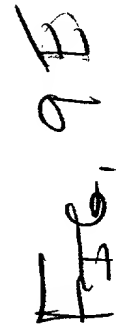


FIG. 9A



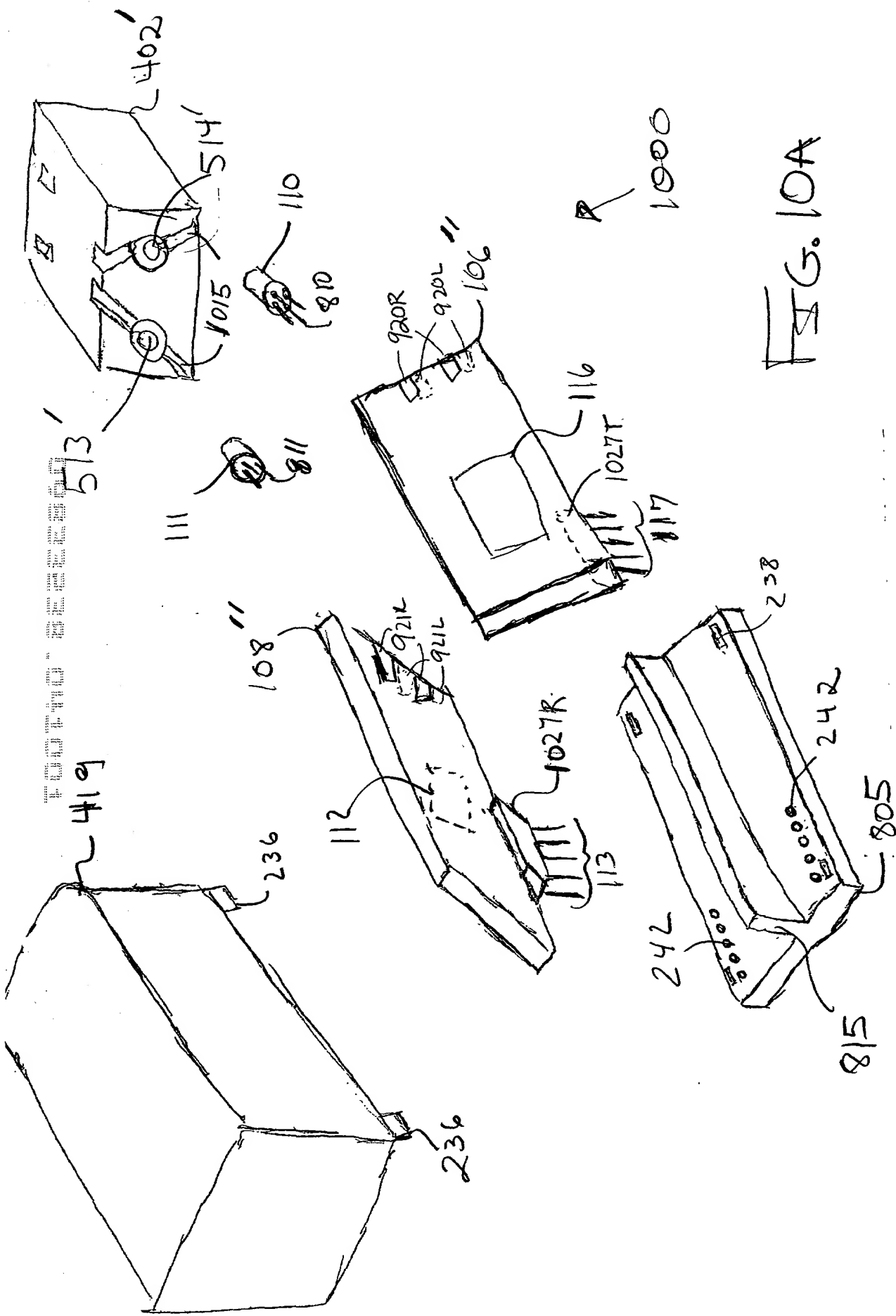


FIG. 10A

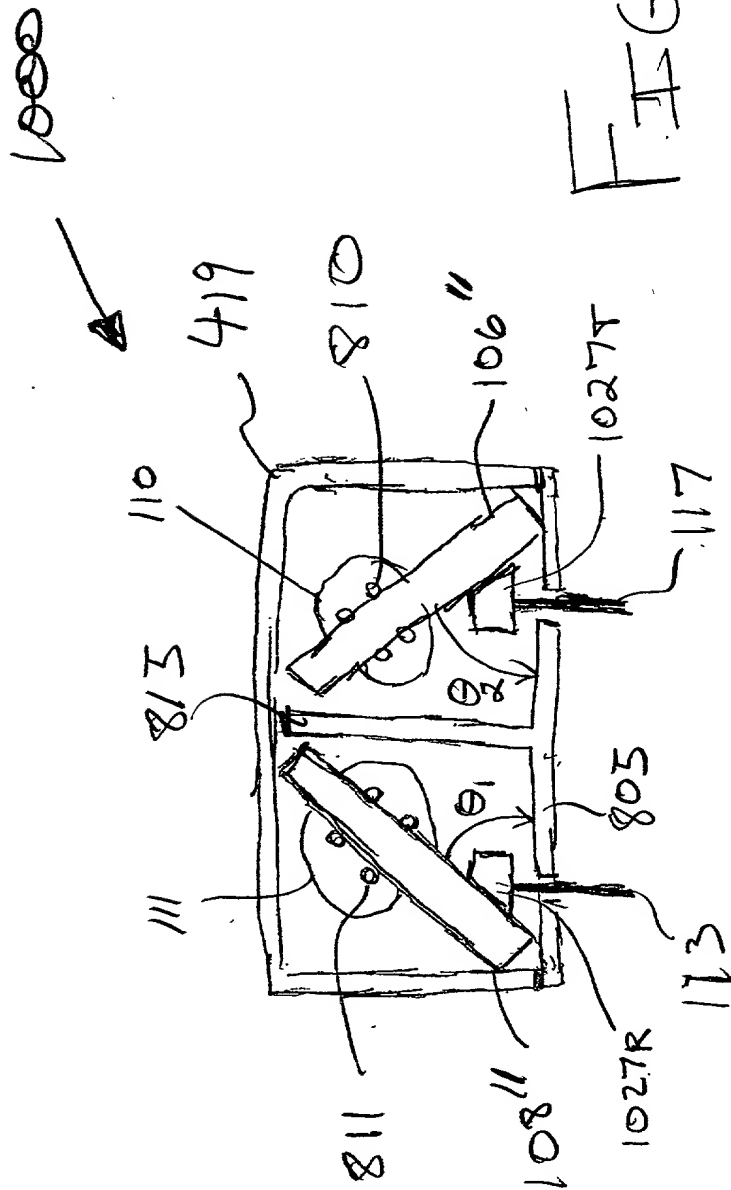


FIG. 10B

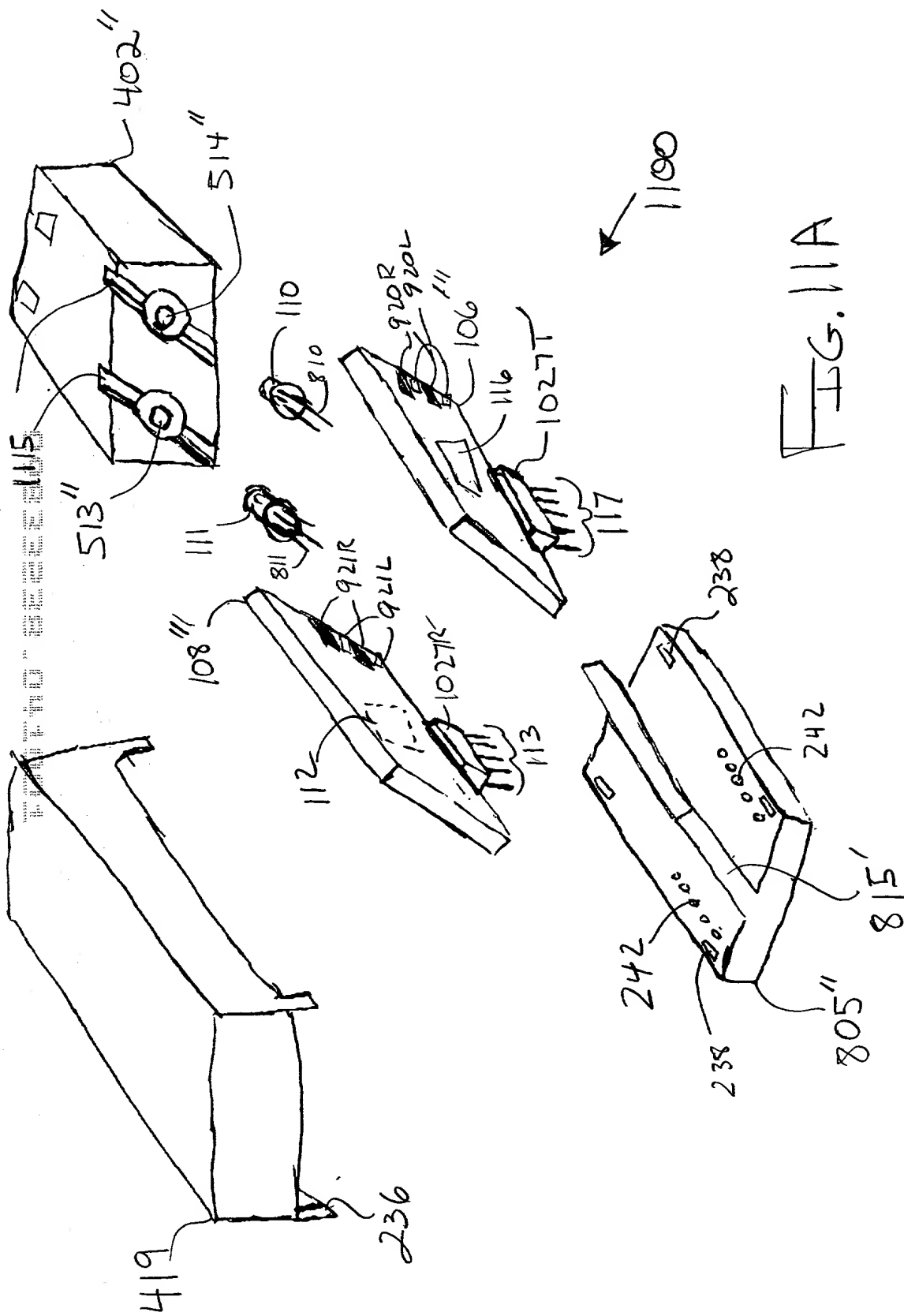
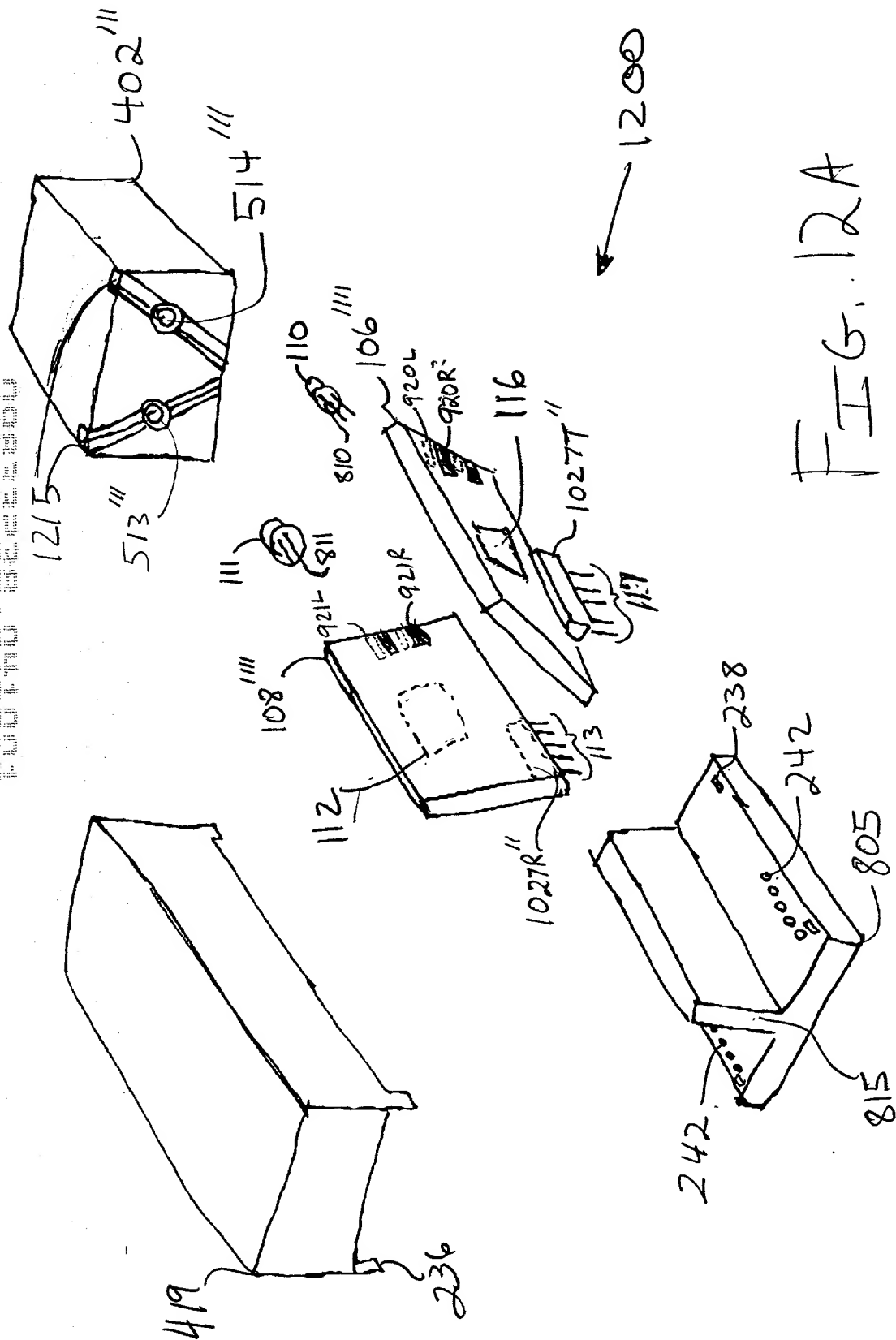


FIG. 11A







1200

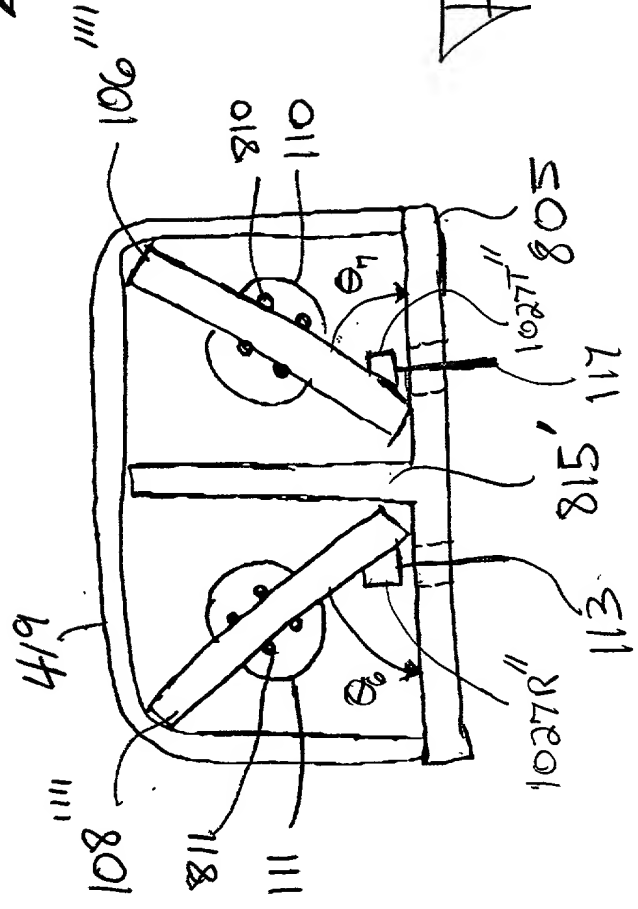


FIG. 12B

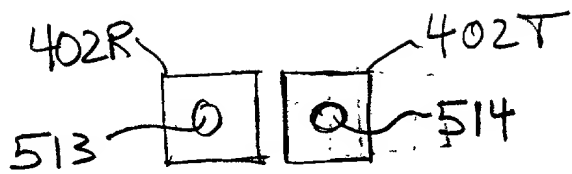


FIG. 13

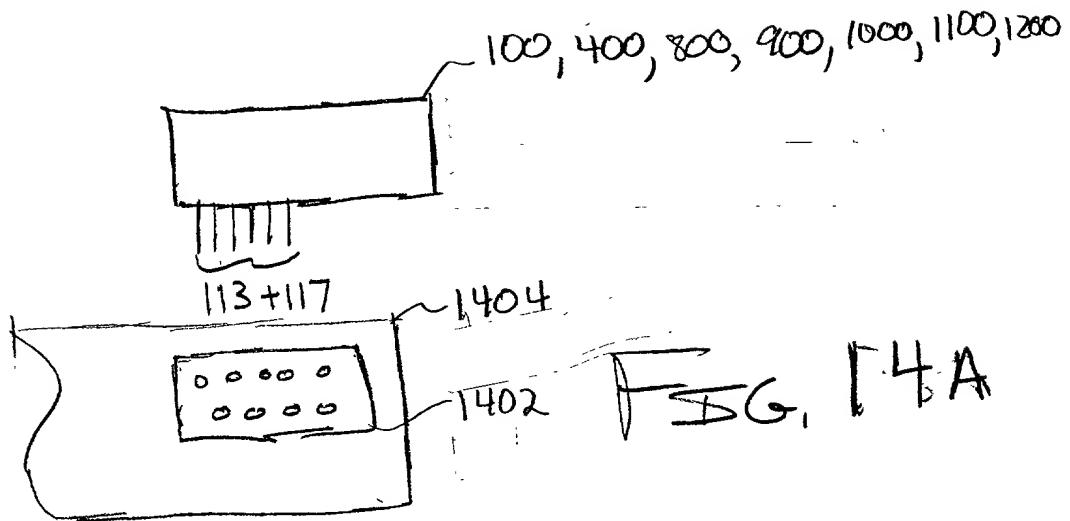


FIG. 14A

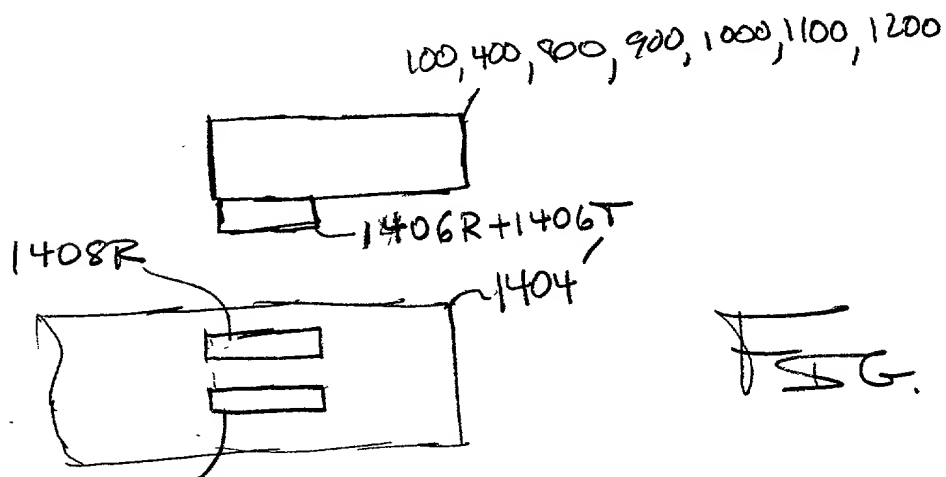


FIG. 14B

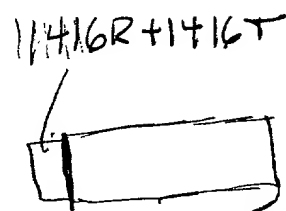
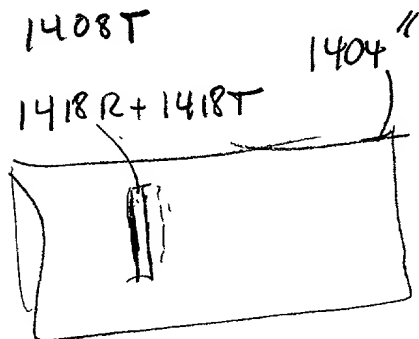


FIG. 14C

100, 400, 800, 900, 1000, 1100, 1200

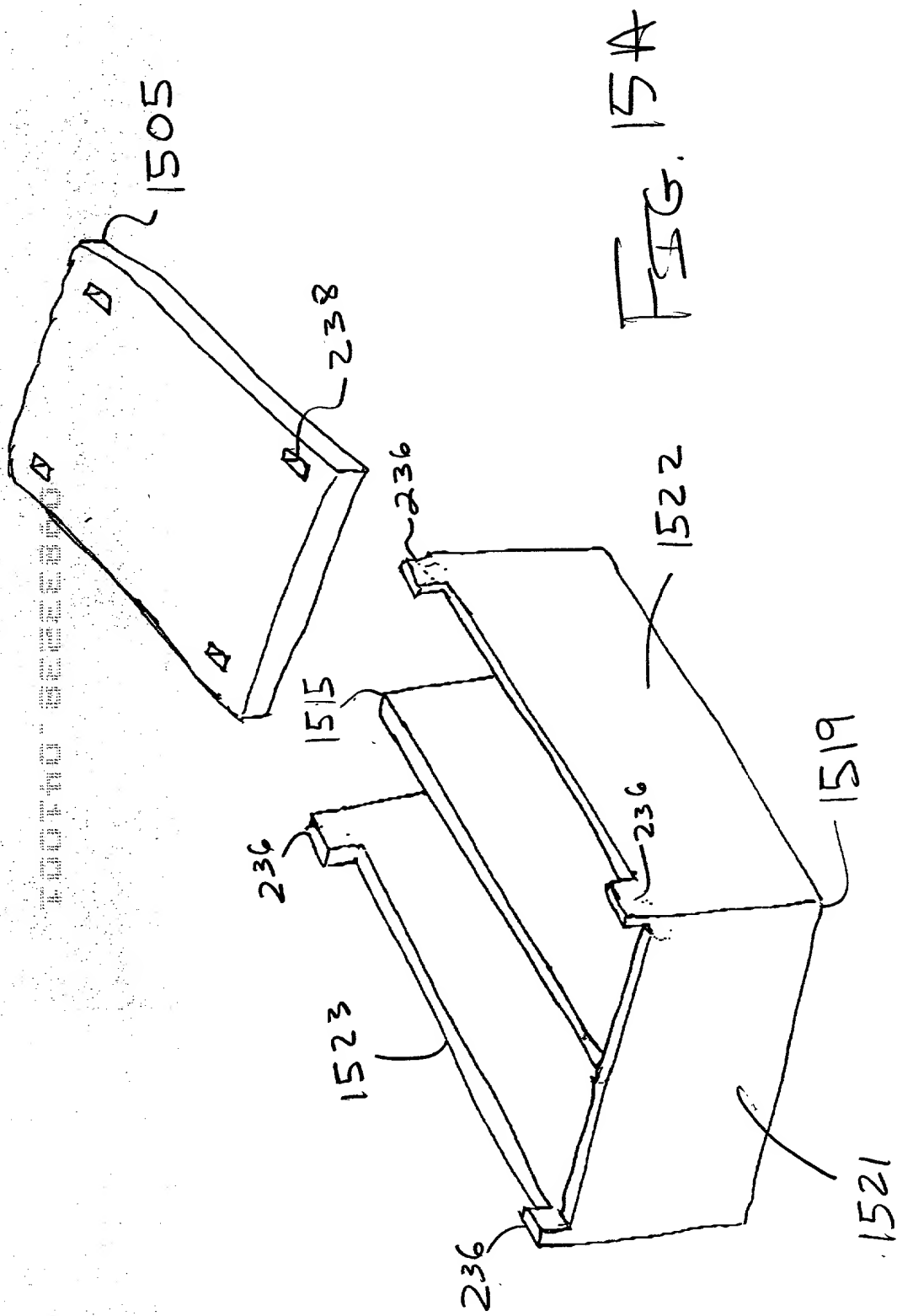


FIG. 15A

1000

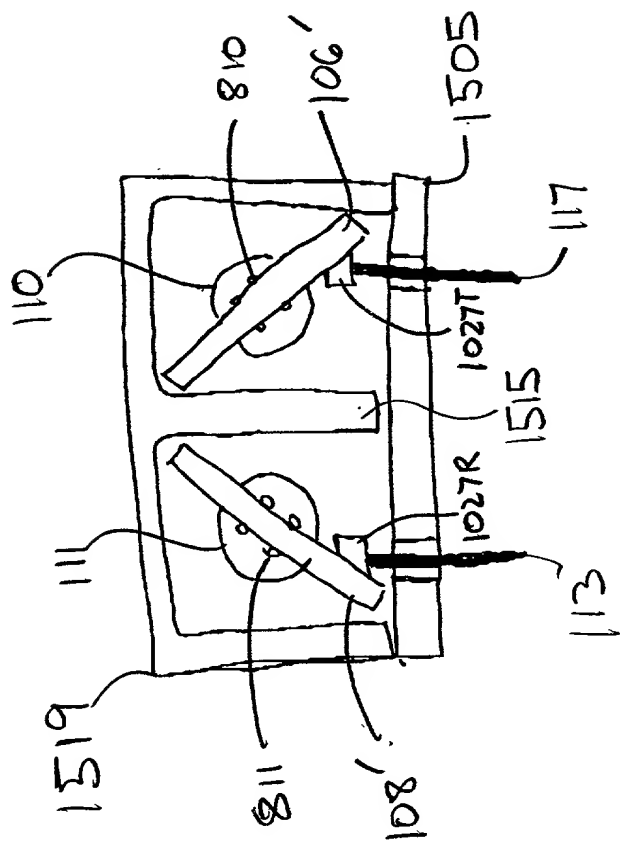


FIG. 15B

U.S. PATENT OFFICE

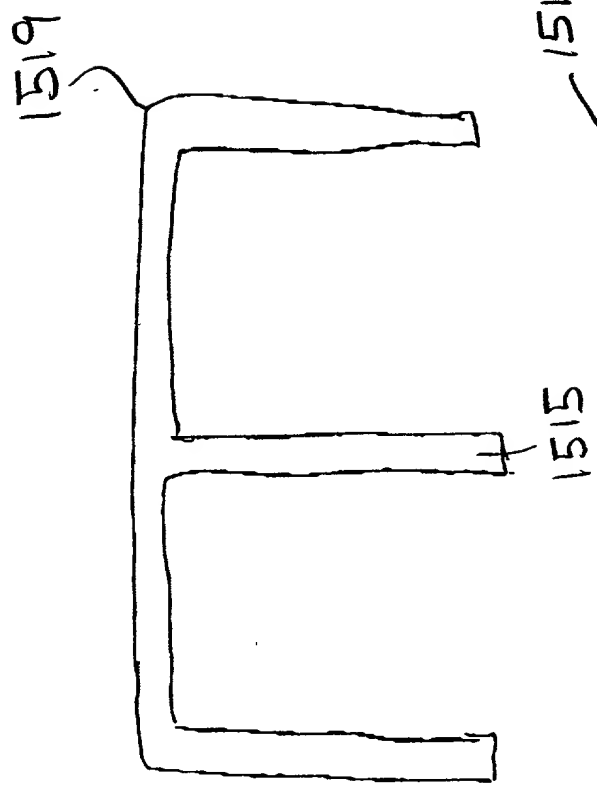


FIG. 15C

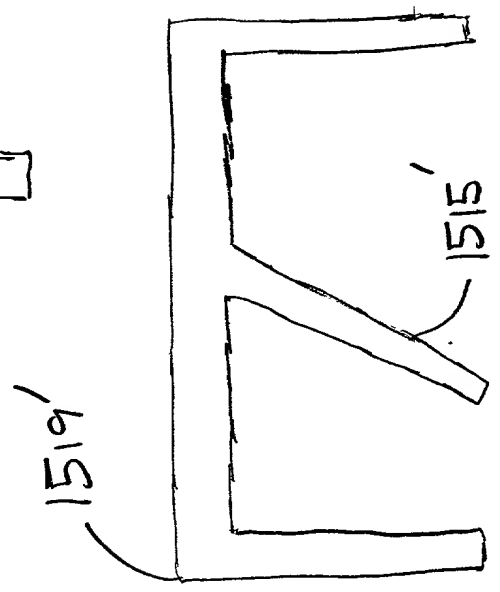


FIG. 15D

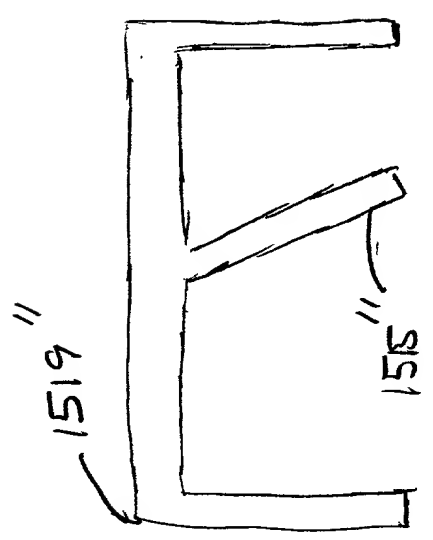


FIG. 15E

1519'''

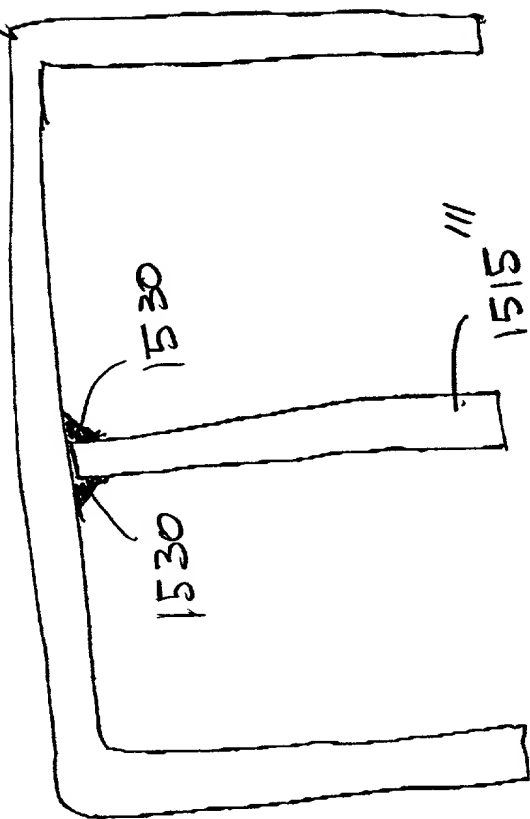


FIG. 15F

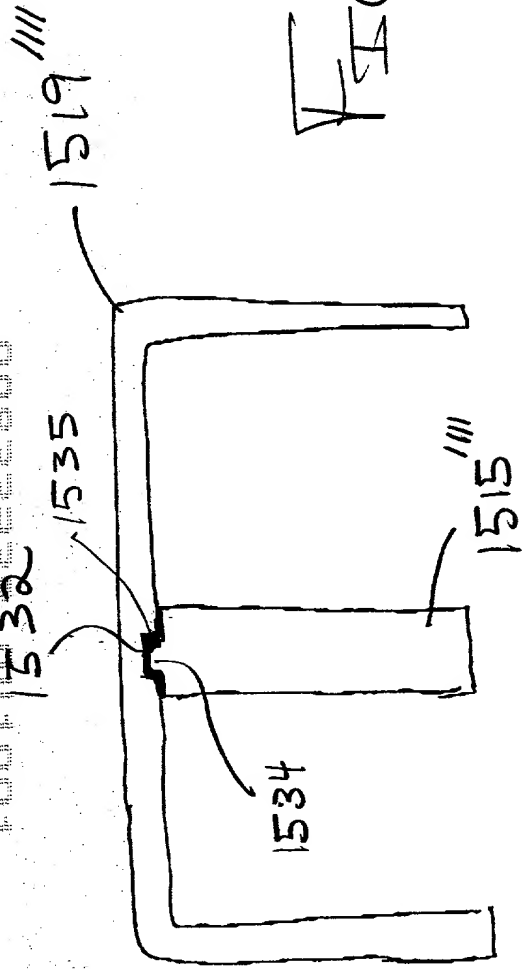


FIG. 15G

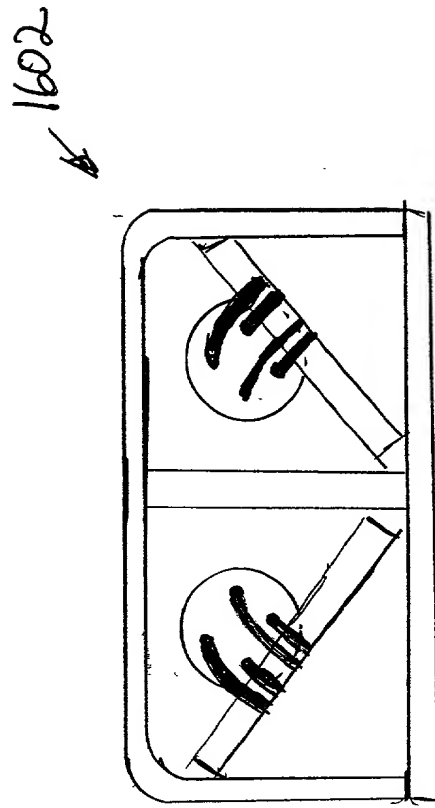


FIG. 16A

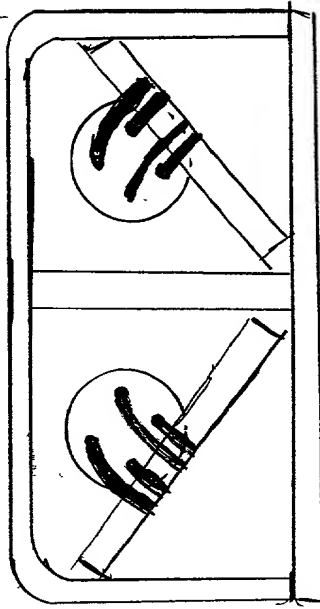


FIG. 16B

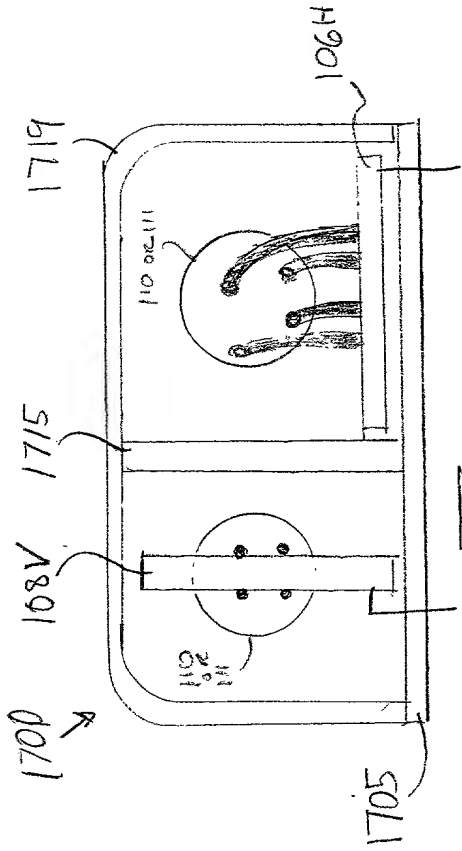


FIG. 17A

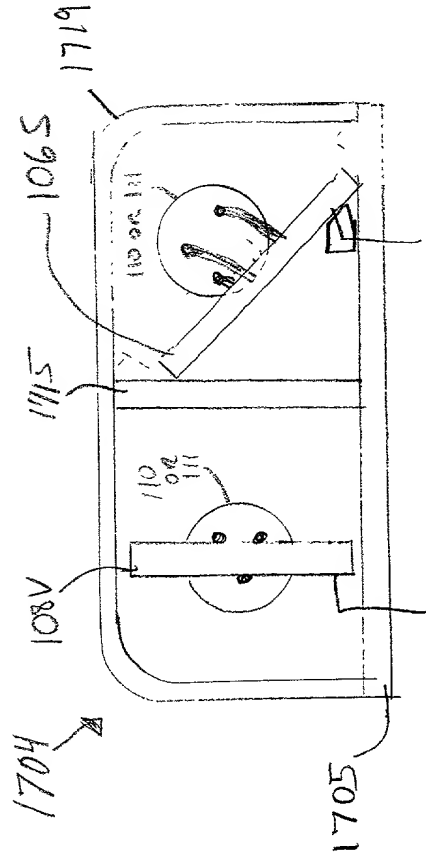


FIG. 17C

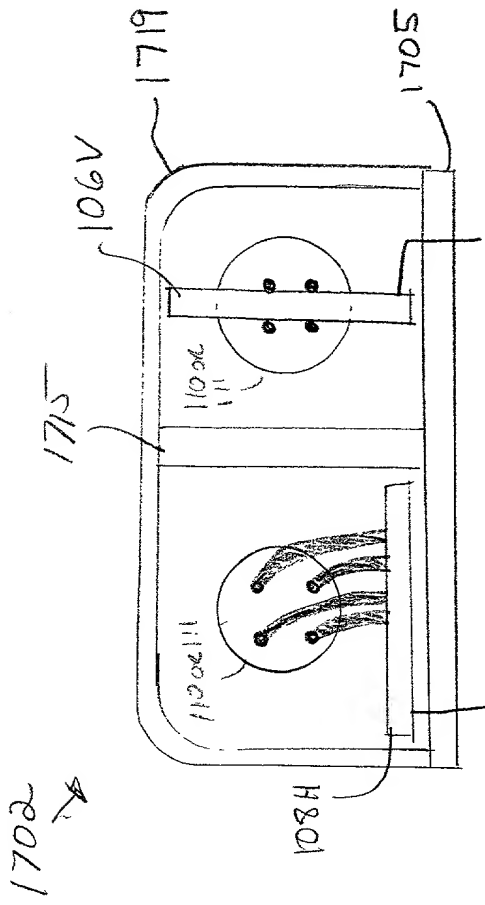


FIG. 17B

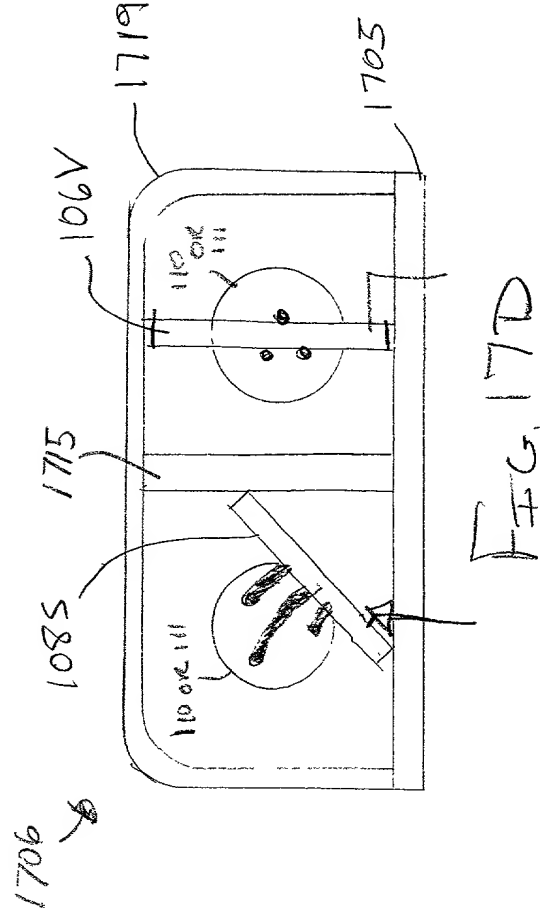


FIG. 17D



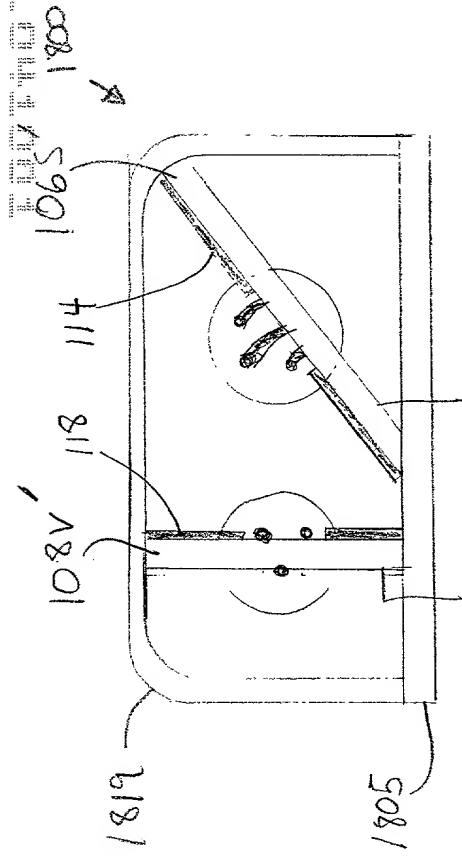


FIG. 18A

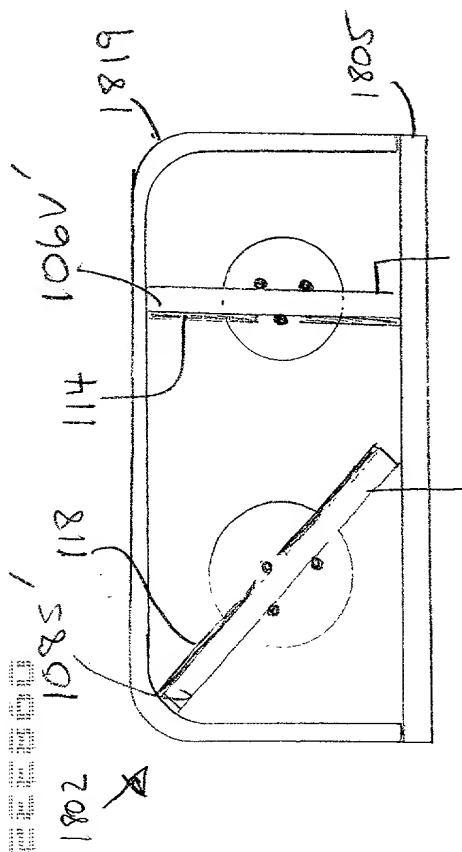


FIG. 18B

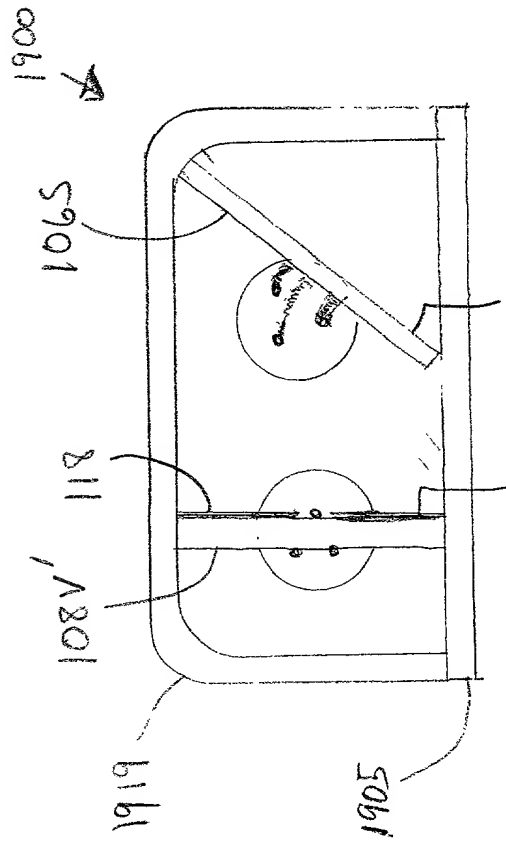


FIG. 19A

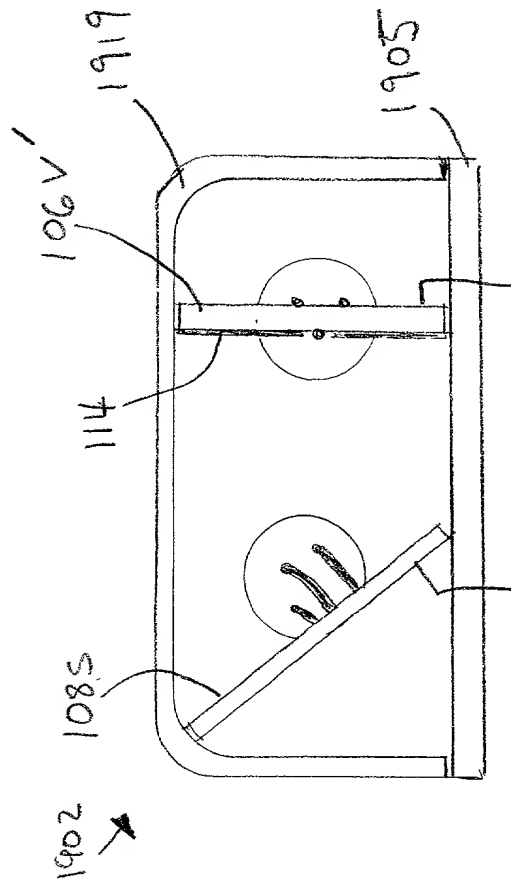
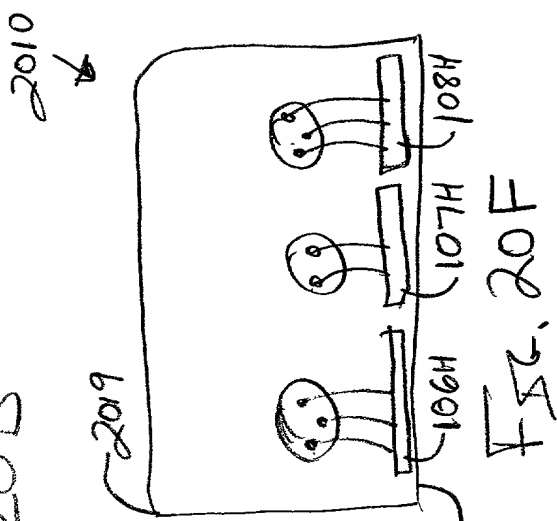
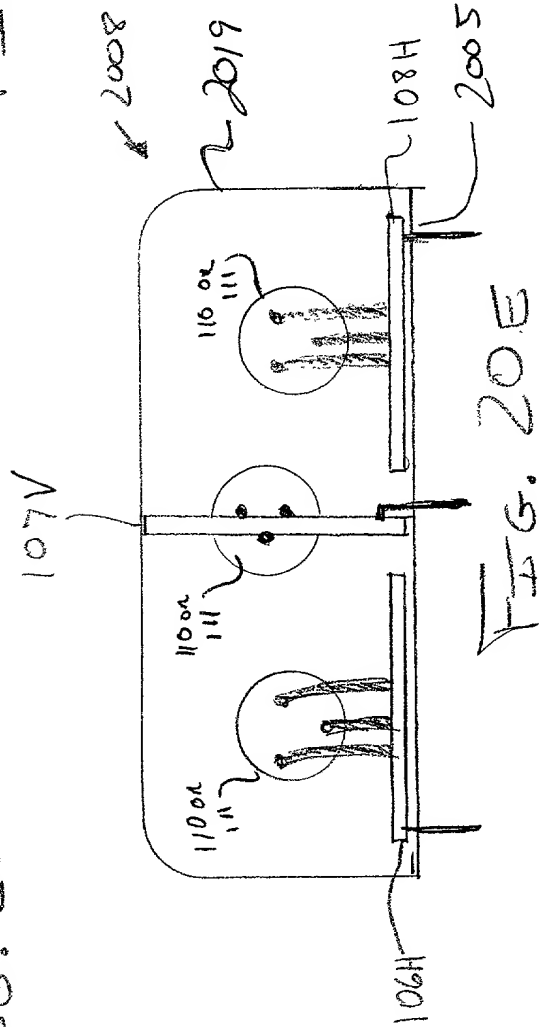
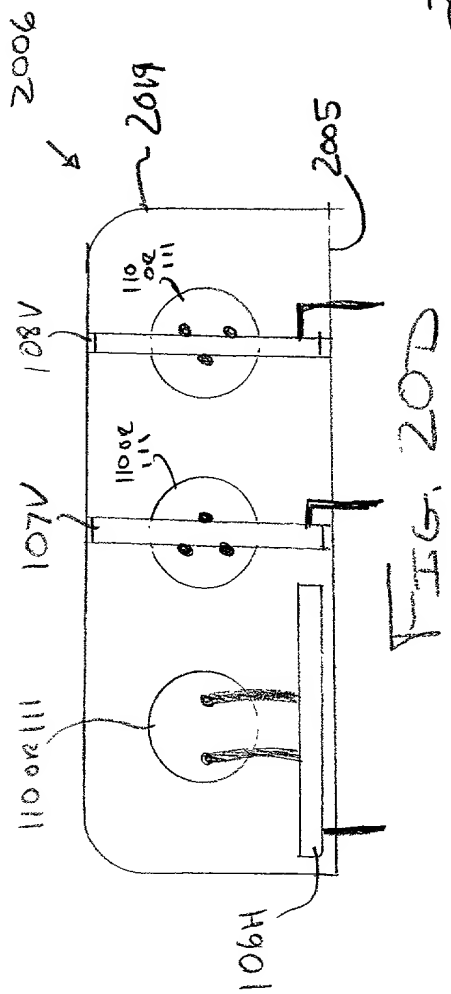
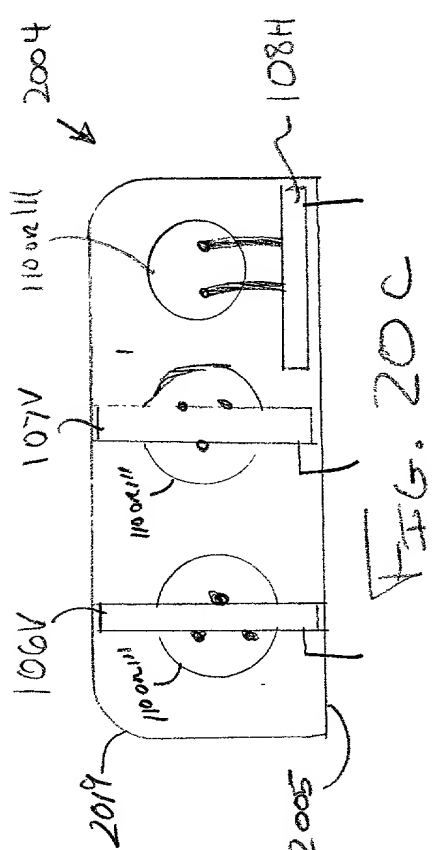
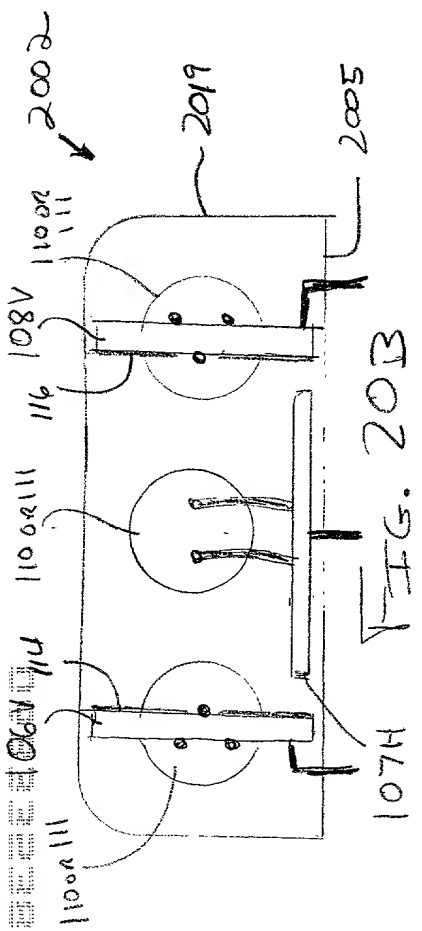
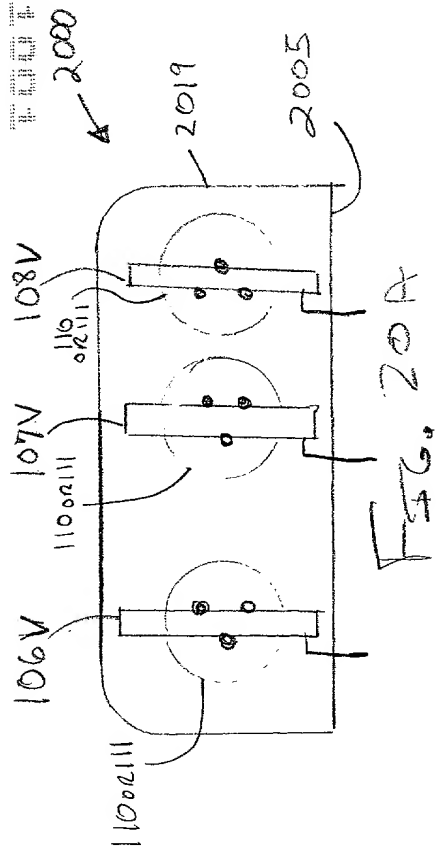
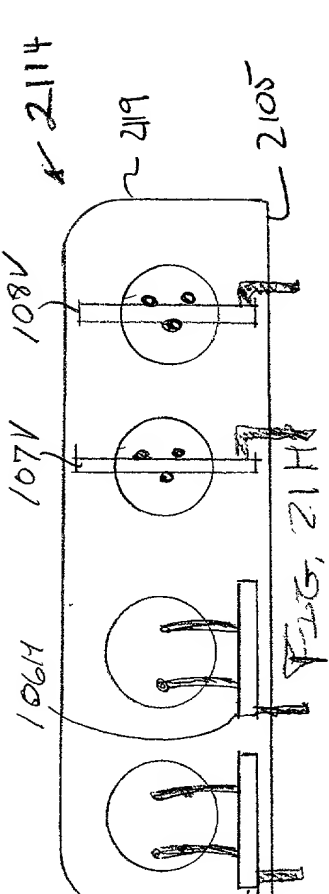
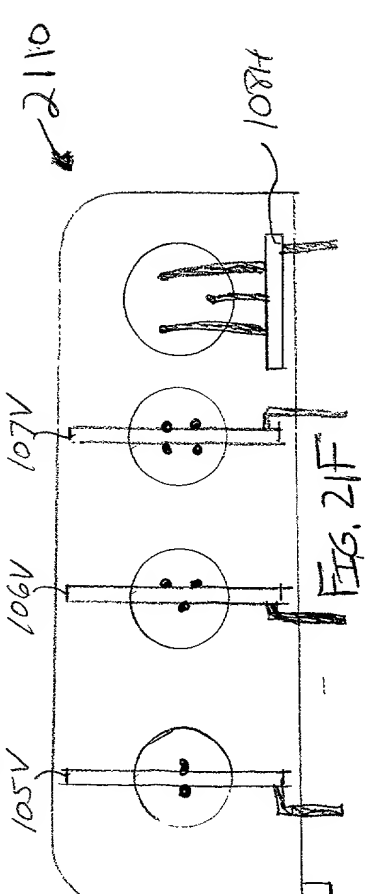
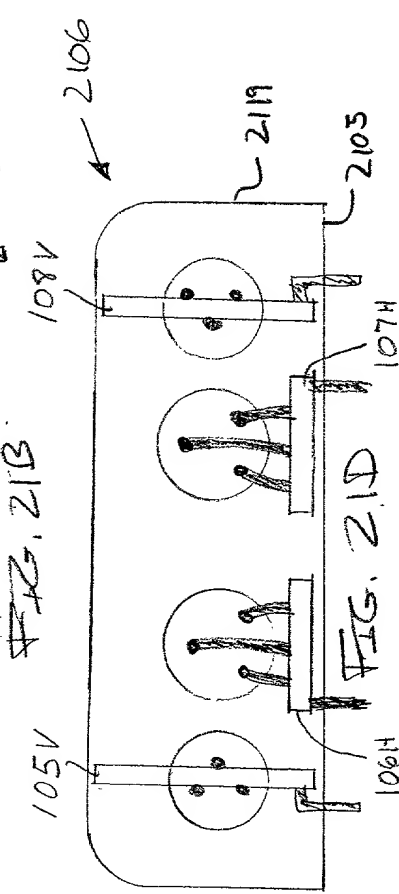
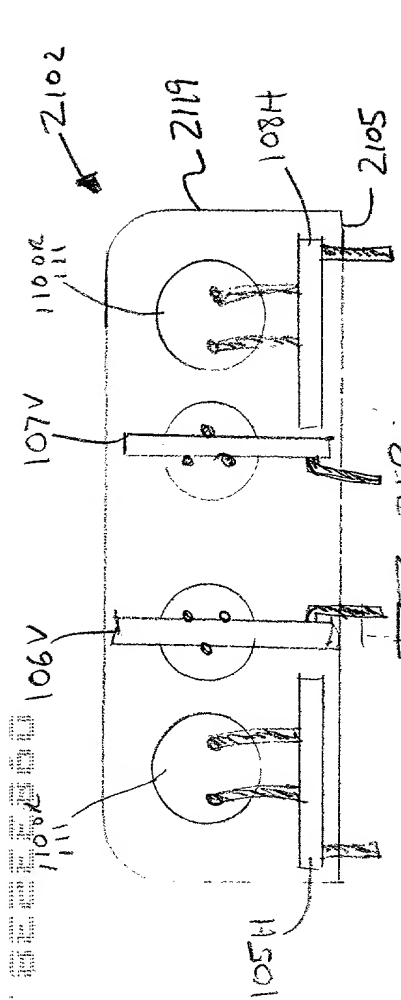
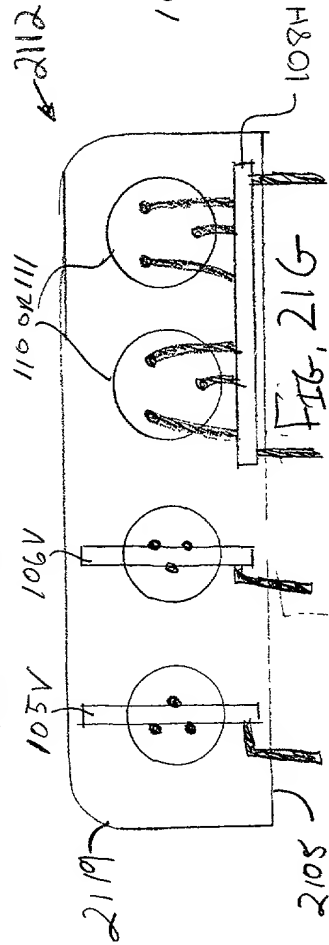
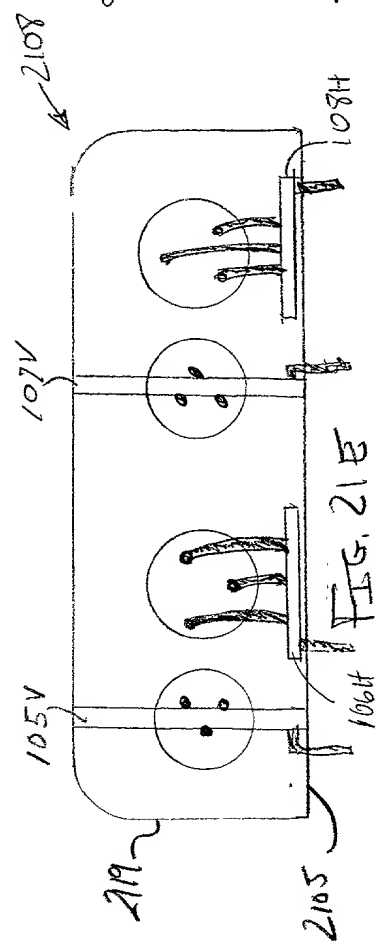
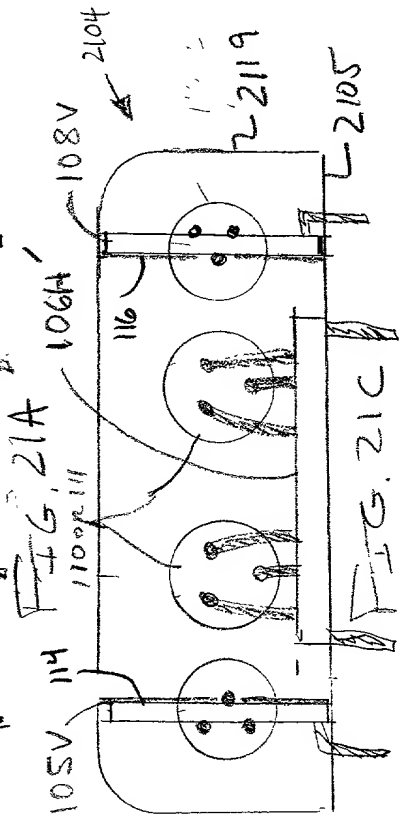
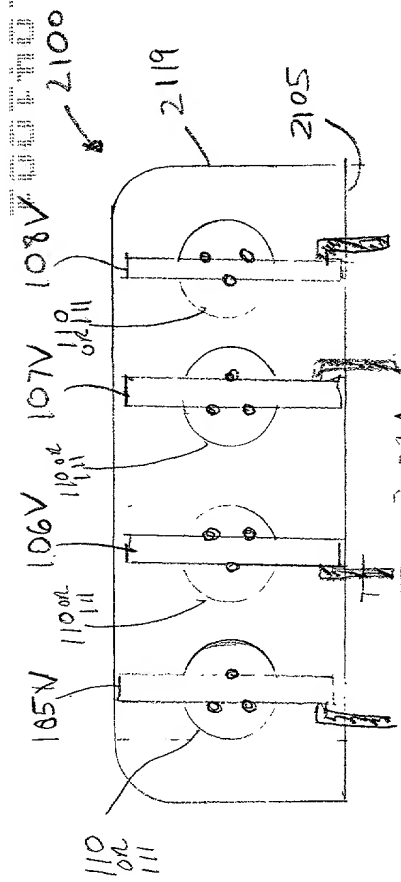


FIG. 19B





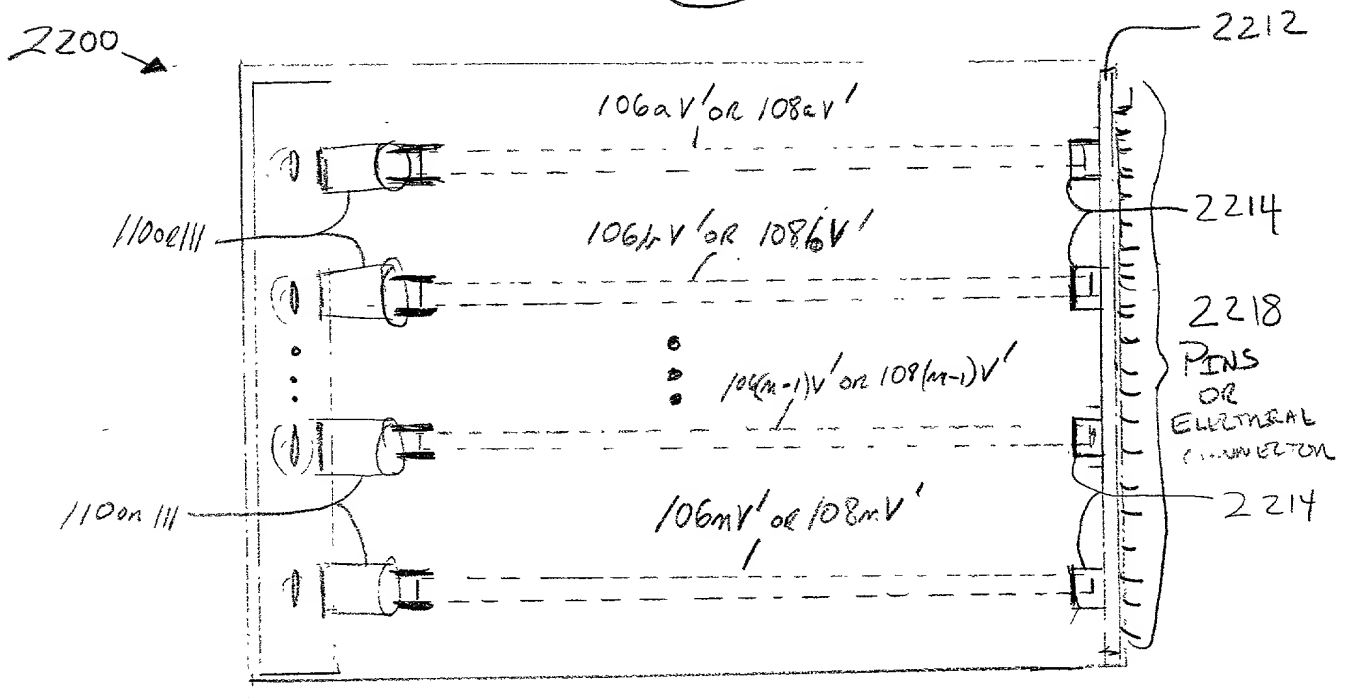
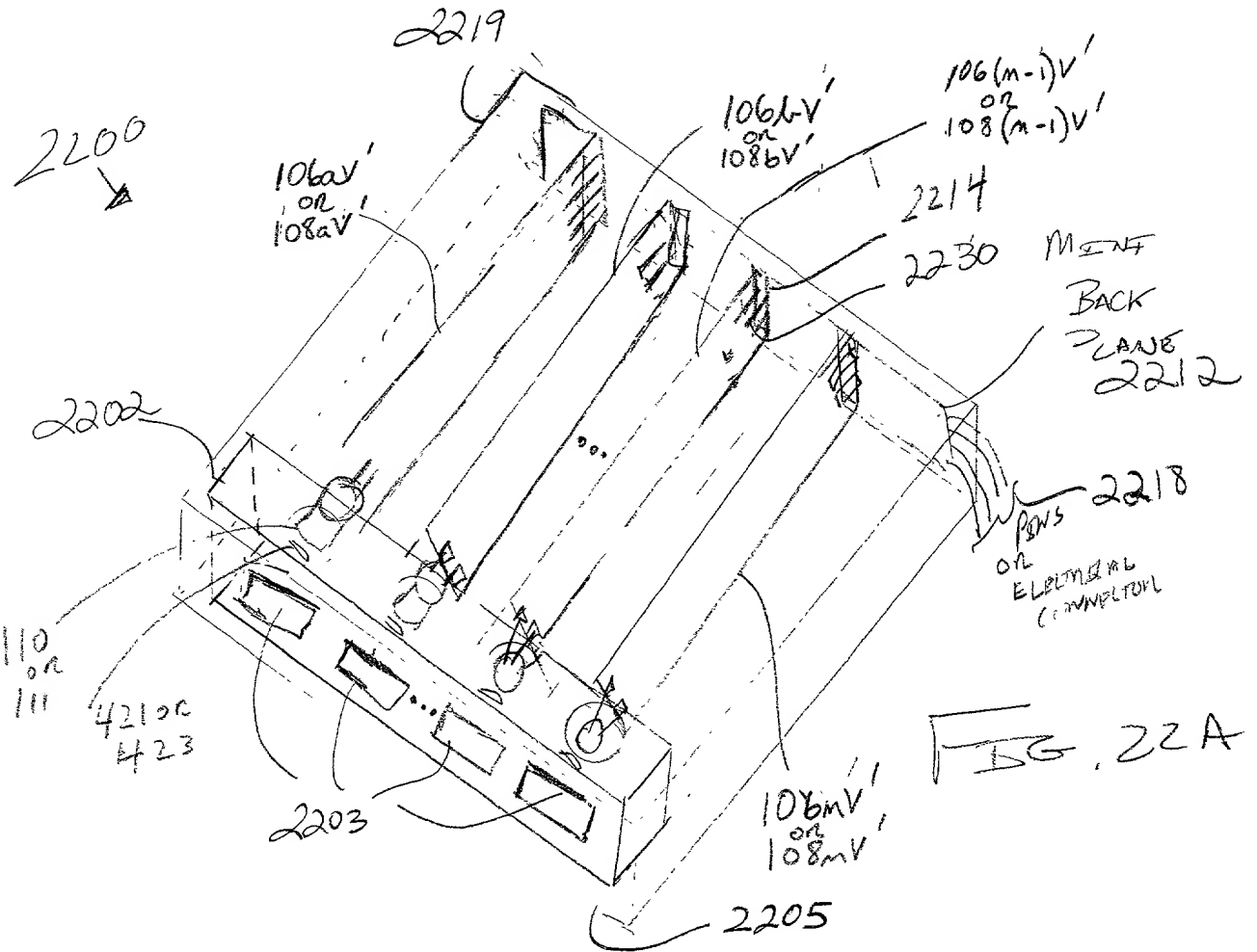


FIG. 22B



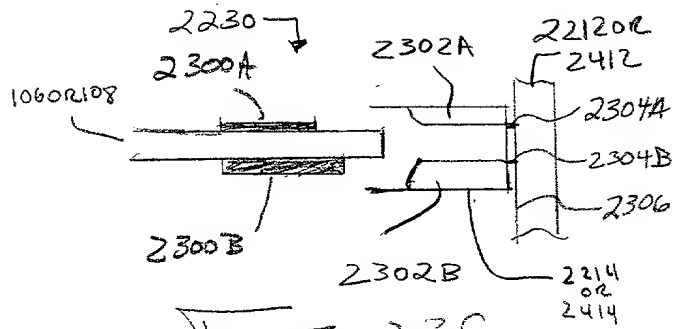


FIG. 23C

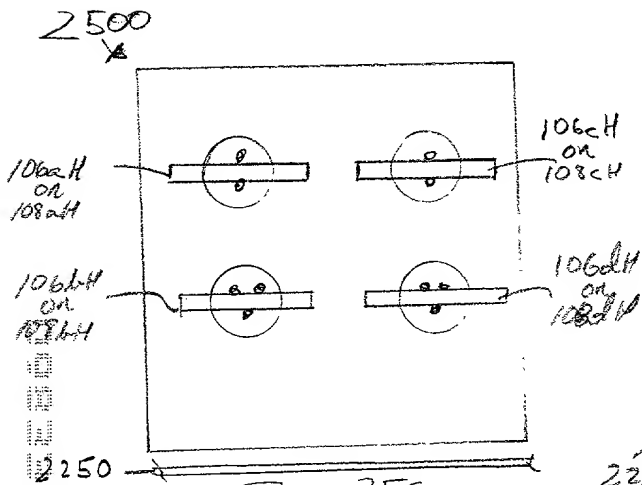


FIG. 25C

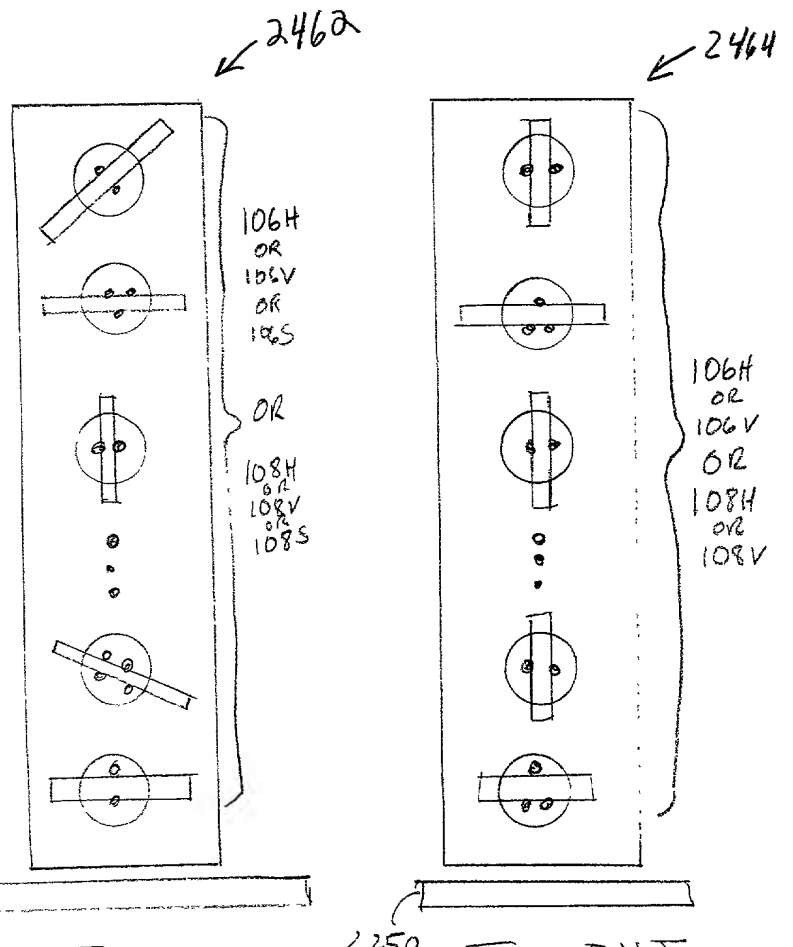


FIG. 24J

FIG. 24J

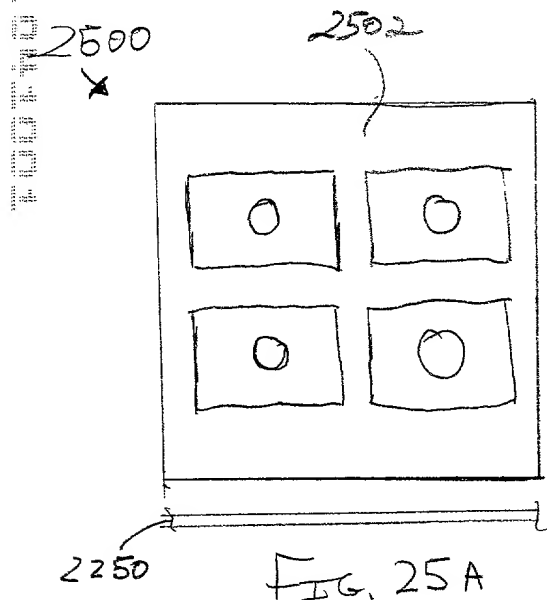


FIG. 25A

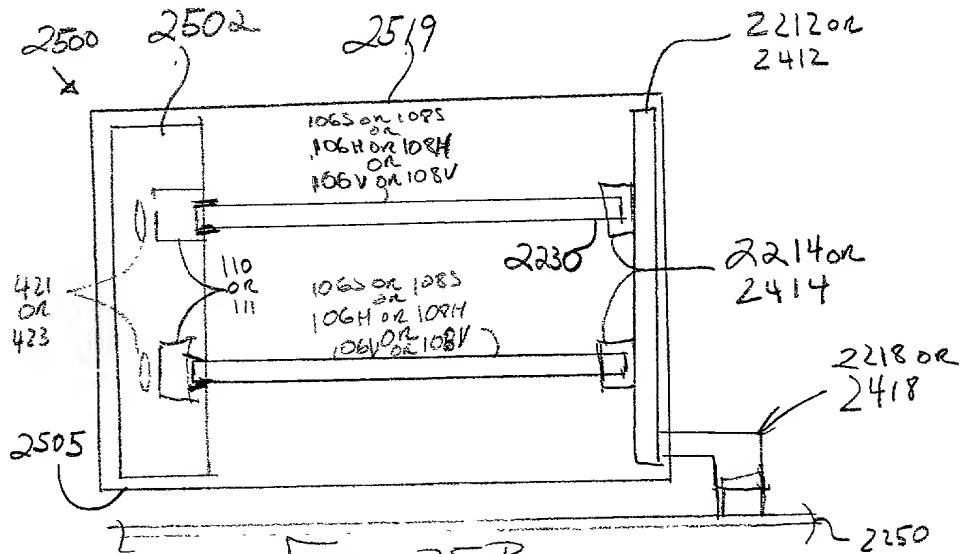


FIG. 25B

2400

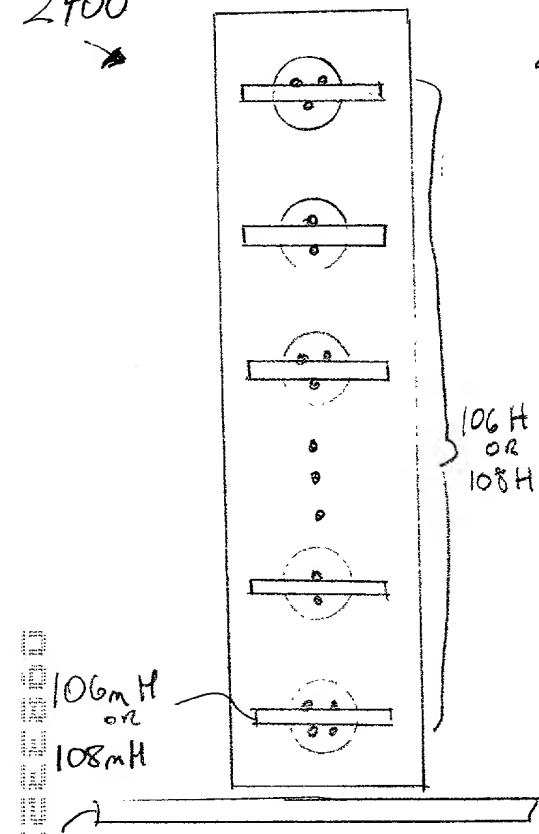


FIG. 24C

2452

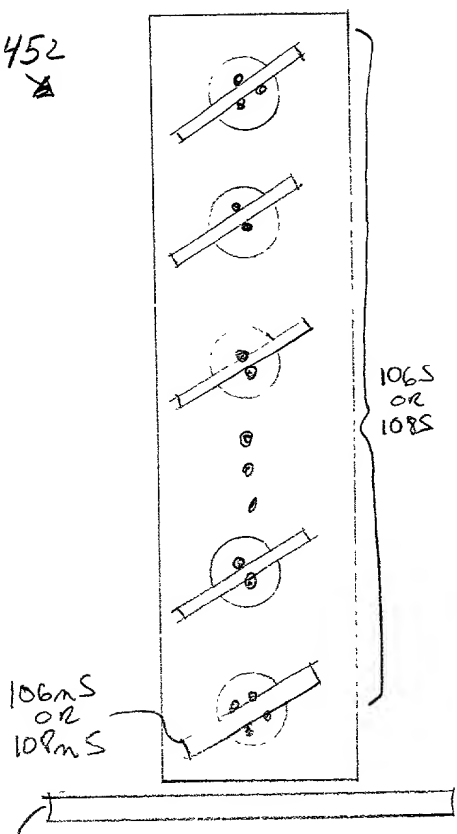


FIG. 24D

2454

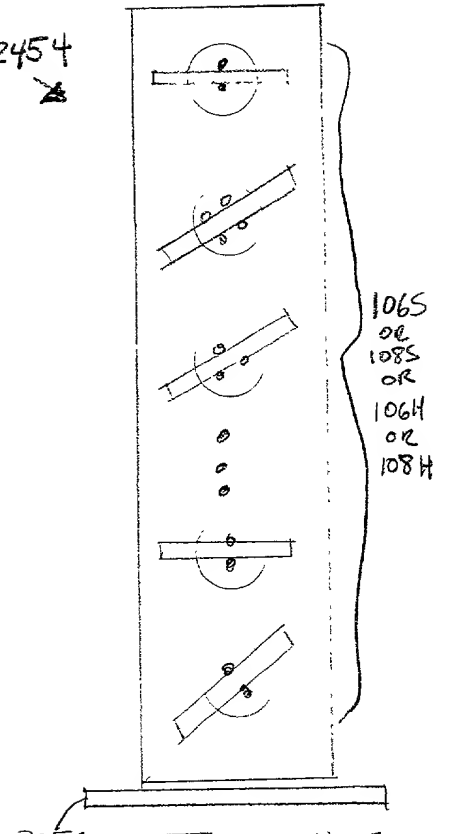


FIG. 24E

2456

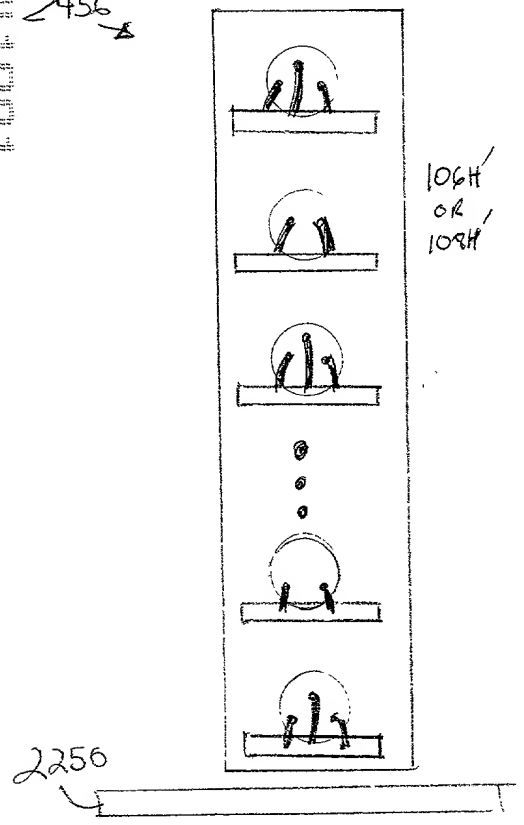


FIG. 24F

2458

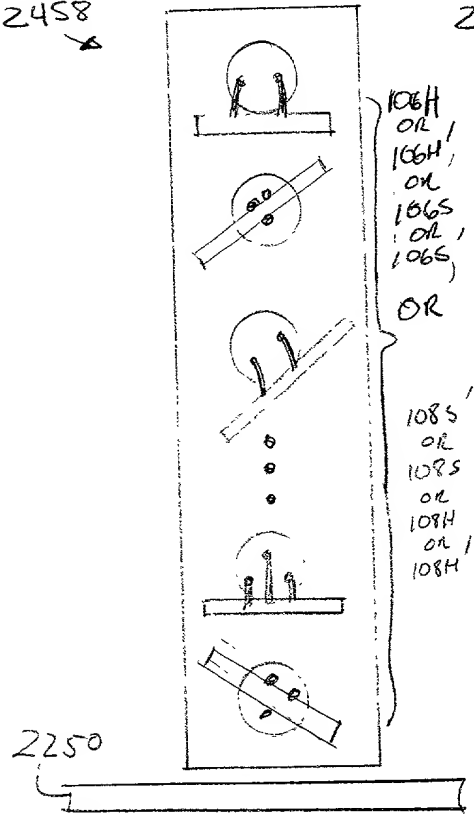


FIG. 24G

2460

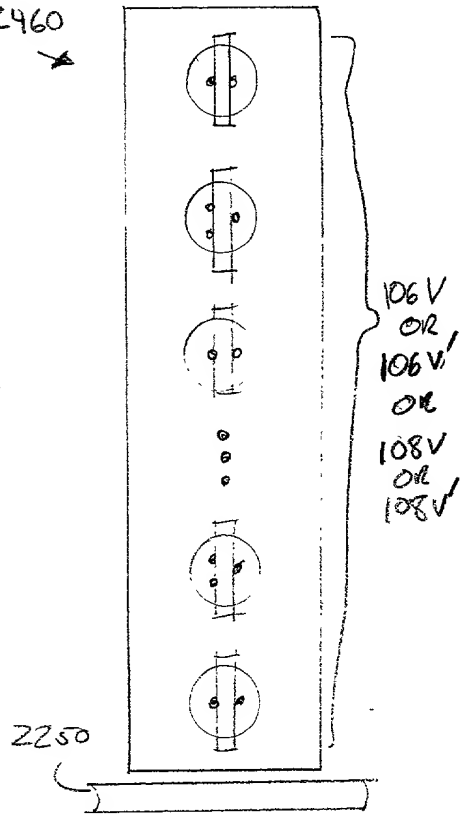


FIG. 24H

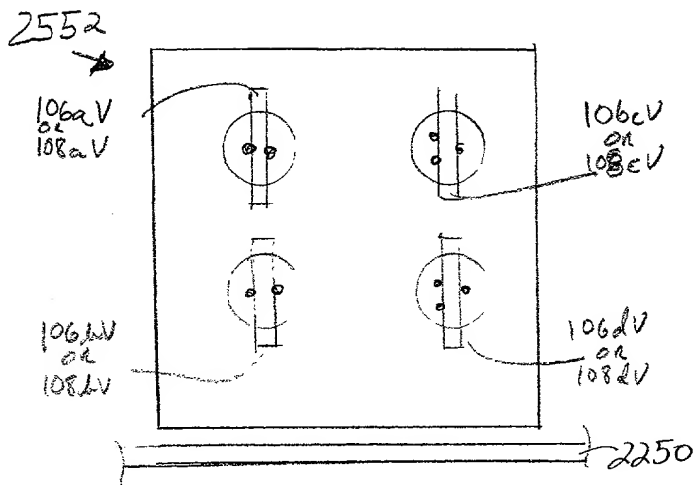


FIG. 25D

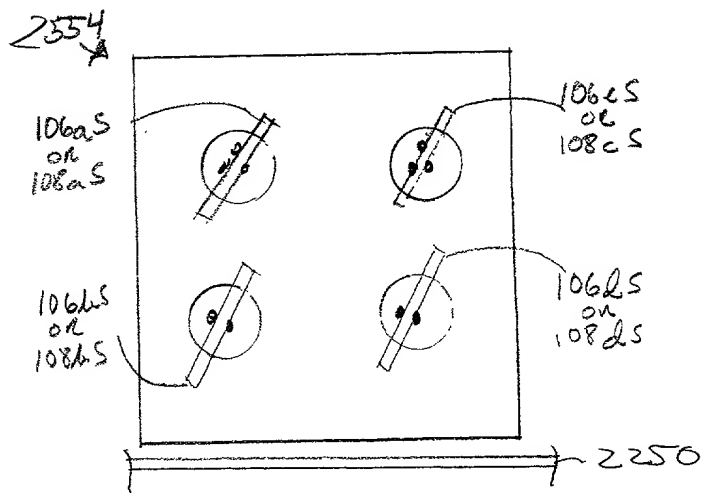


FIG. 25E

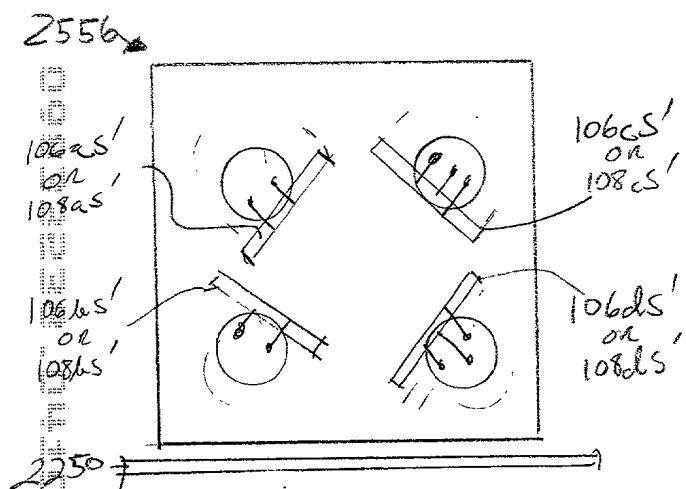


FIG. 25F

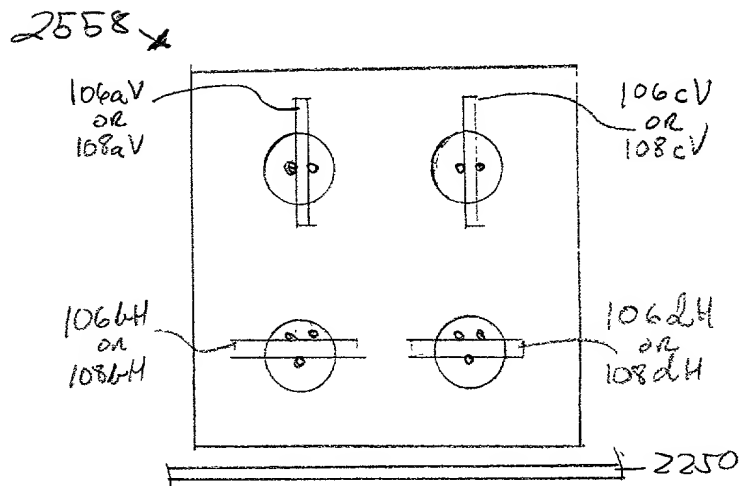


FIG. 25G

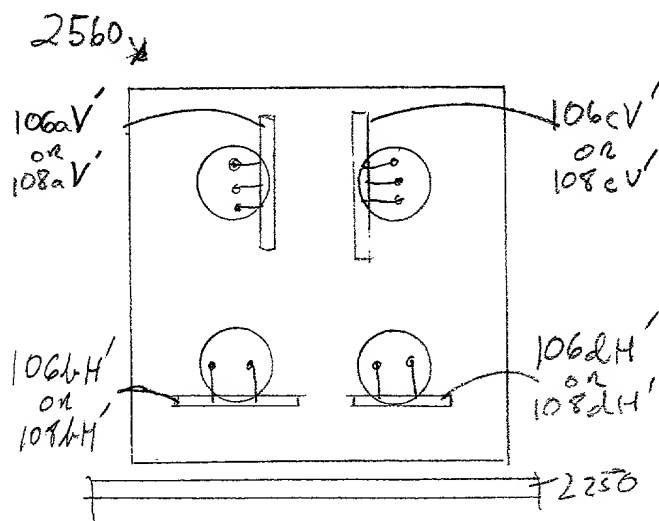


FIG. 25H

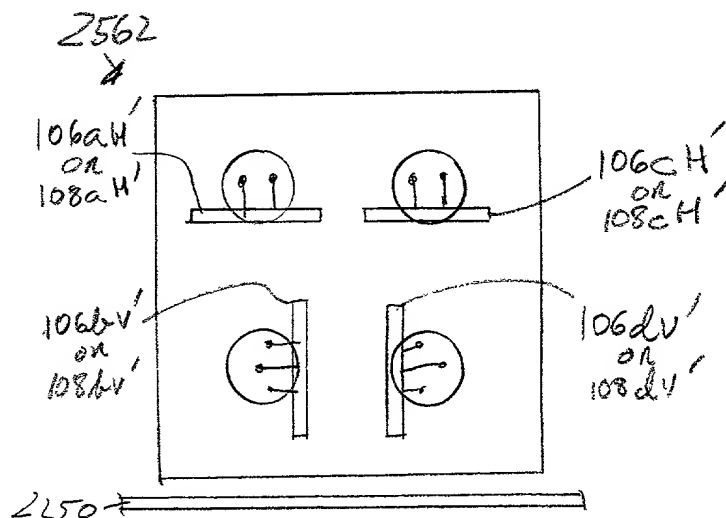


FIG. 25I



2600

$106(m,a)V$   
OR  
 $108(m,a)V$

$106(m,m)V$   
OR  
 $108(m,m)V$

$106(a,a)V$   
OR  
 $108(a,a)V$

$106(a,m)V$   
OR  
 $108(a,m)V$

FIG. 26A

2600

2602

2619

2612

2602RM

$106V$  OR  $108V$

421 OR  
423

1120 OR 1111

2230

2614

2602R(M-1)

$106V$  OR  $108V$

2602RL

$106V$  OR  $108V$

2602Ra

$106V$  OR  $108V$

2320

2614

2217  
OR  
2418

2605

2250

FIG. 26B

2700

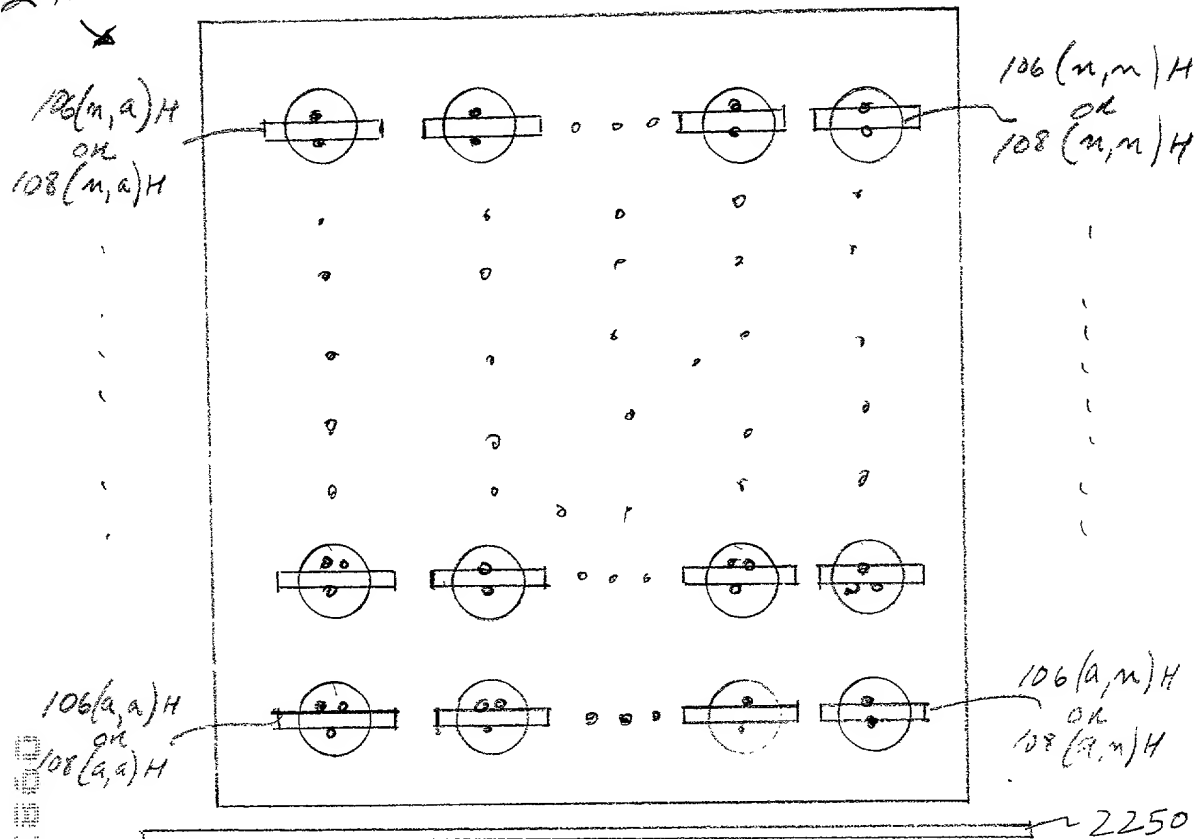


FIG. 27A

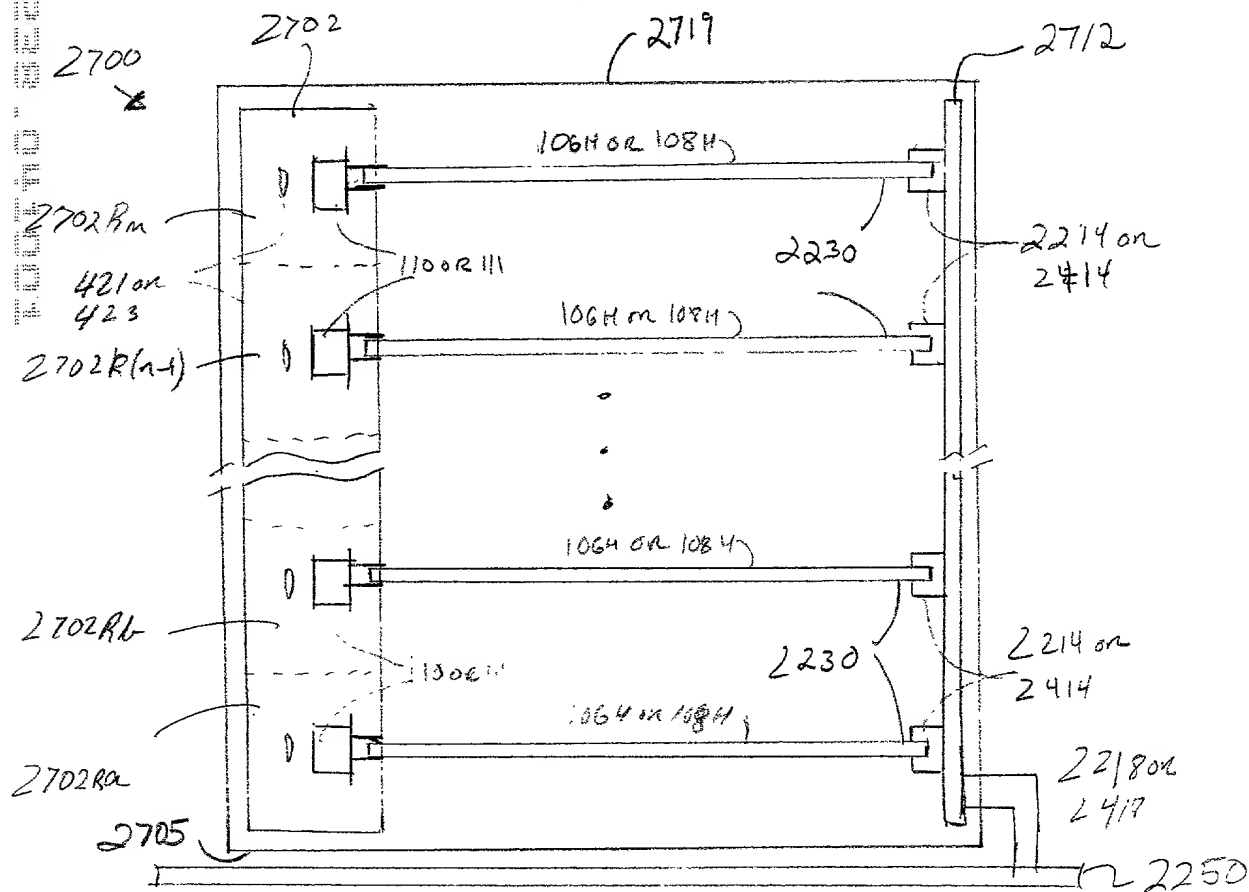
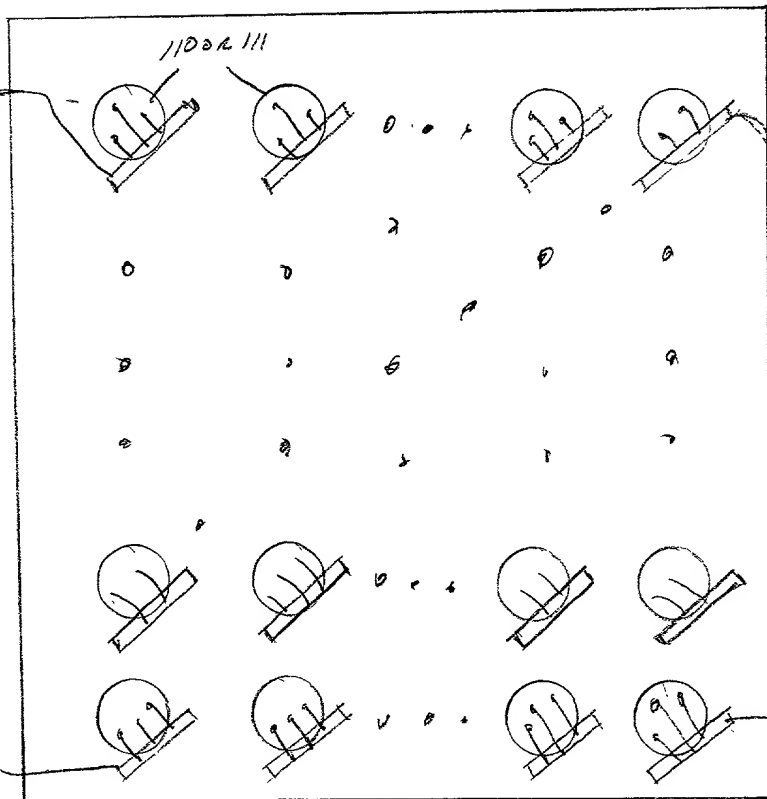


FIG. 27B

2800 →

$106(m,a)s'$   
OR  
 $108(m,a)s'$



$106(n,n)s'$   
OR  
 $108(n,n)s'$

$106(a,a)s'$   
OR  
 $108(a,a)s'$

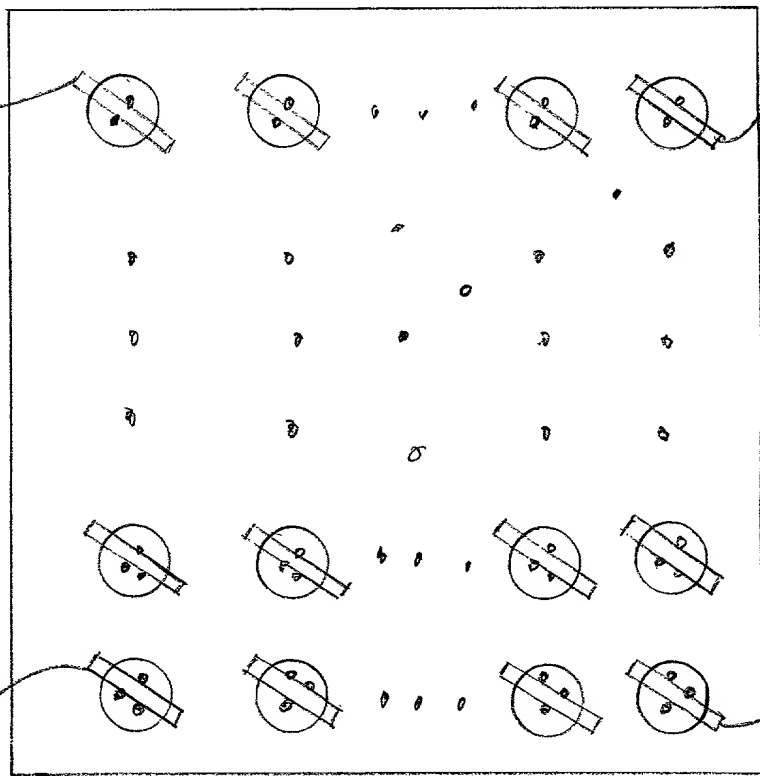
$106(a,n)s'$   
OR  
 $108(a,n)s'$

2250

FIG. 28

2900 →

$106(n,a)s$   
OR  
 $108(n,a)s$



$106(n,n)s$   
OR  
 $108(n,n)s$

$106(a,a)s$   
OR  
 $108(a,a)s$

$106(a,n)s$   
OR  
 $108(a,n)s$

2250

FIG. 29



3100

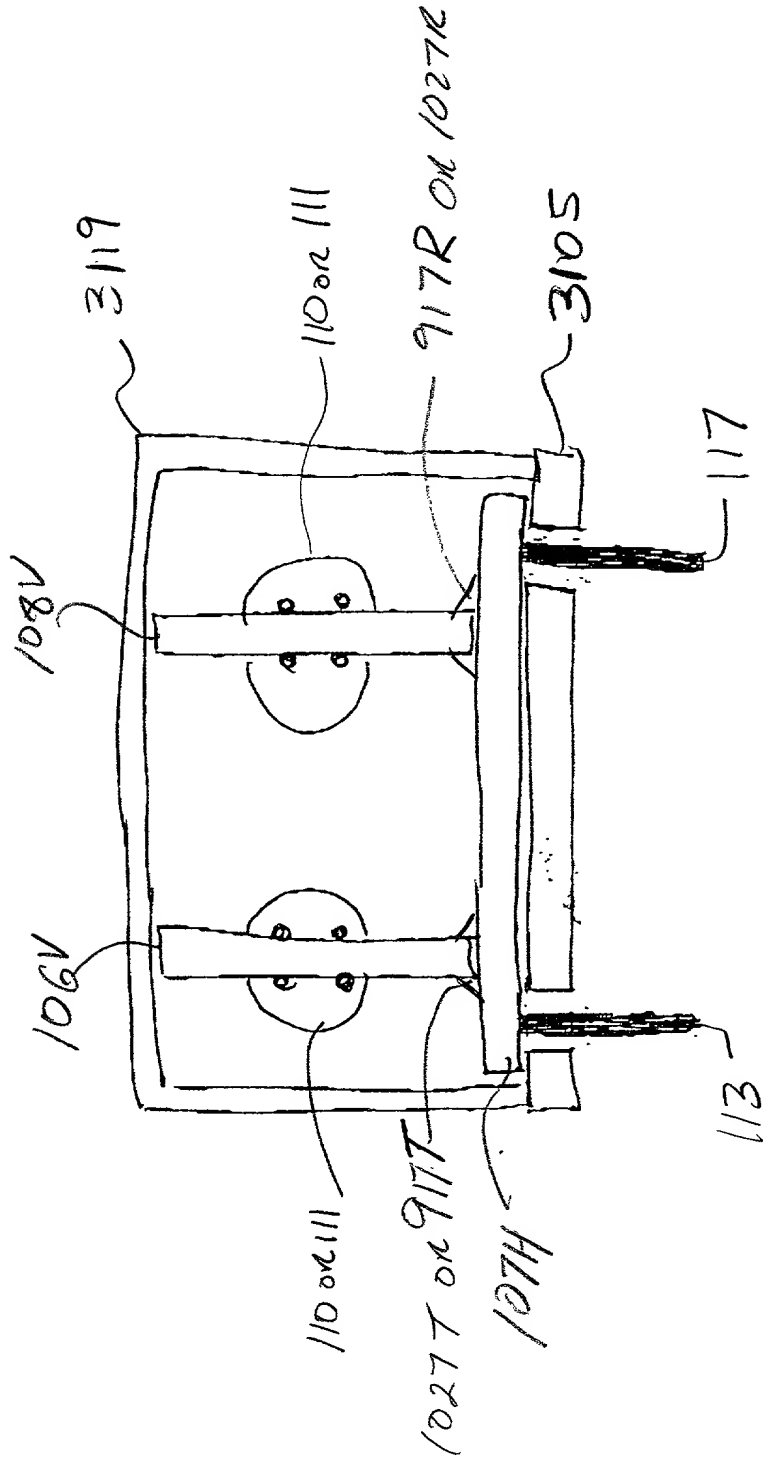


FIGURE 31

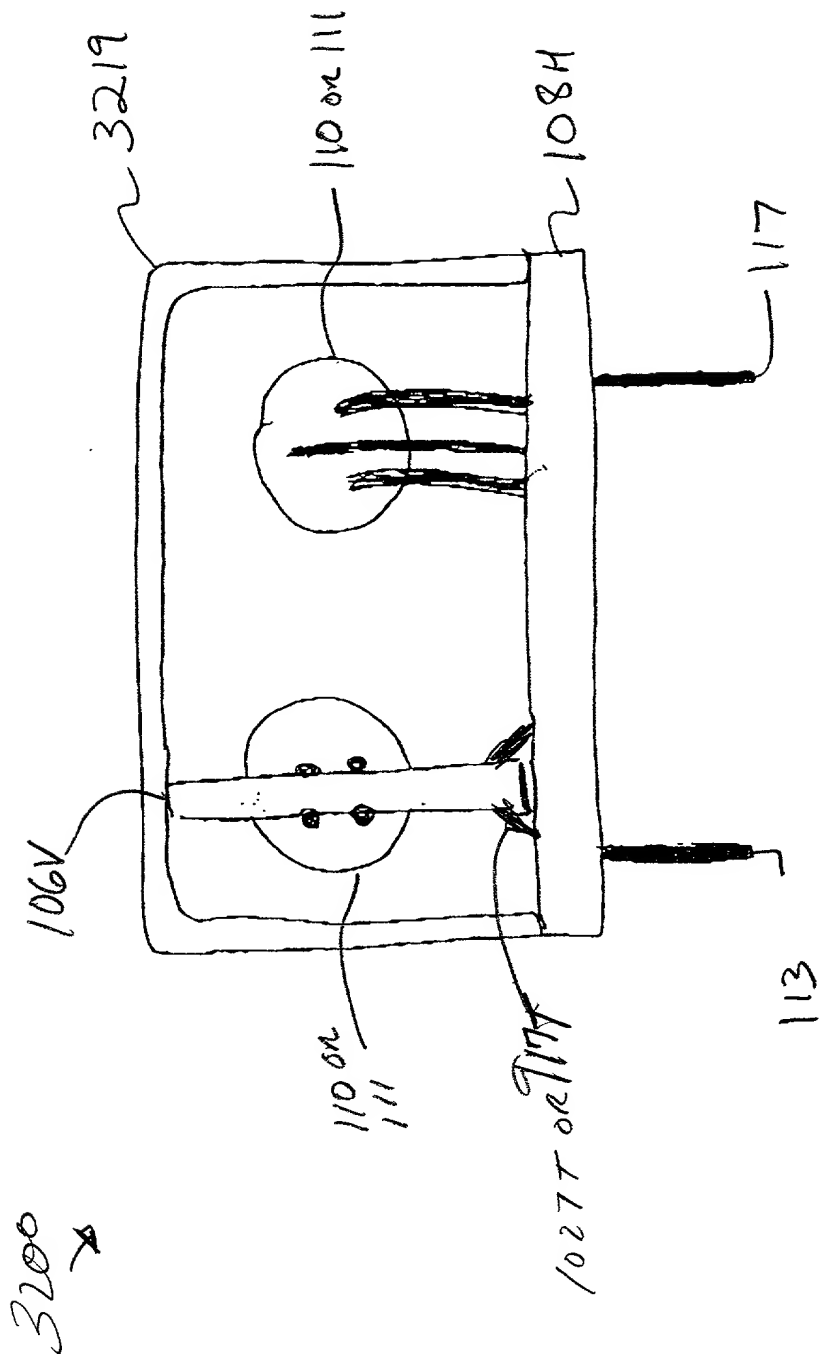


FIGURE 32:

3300

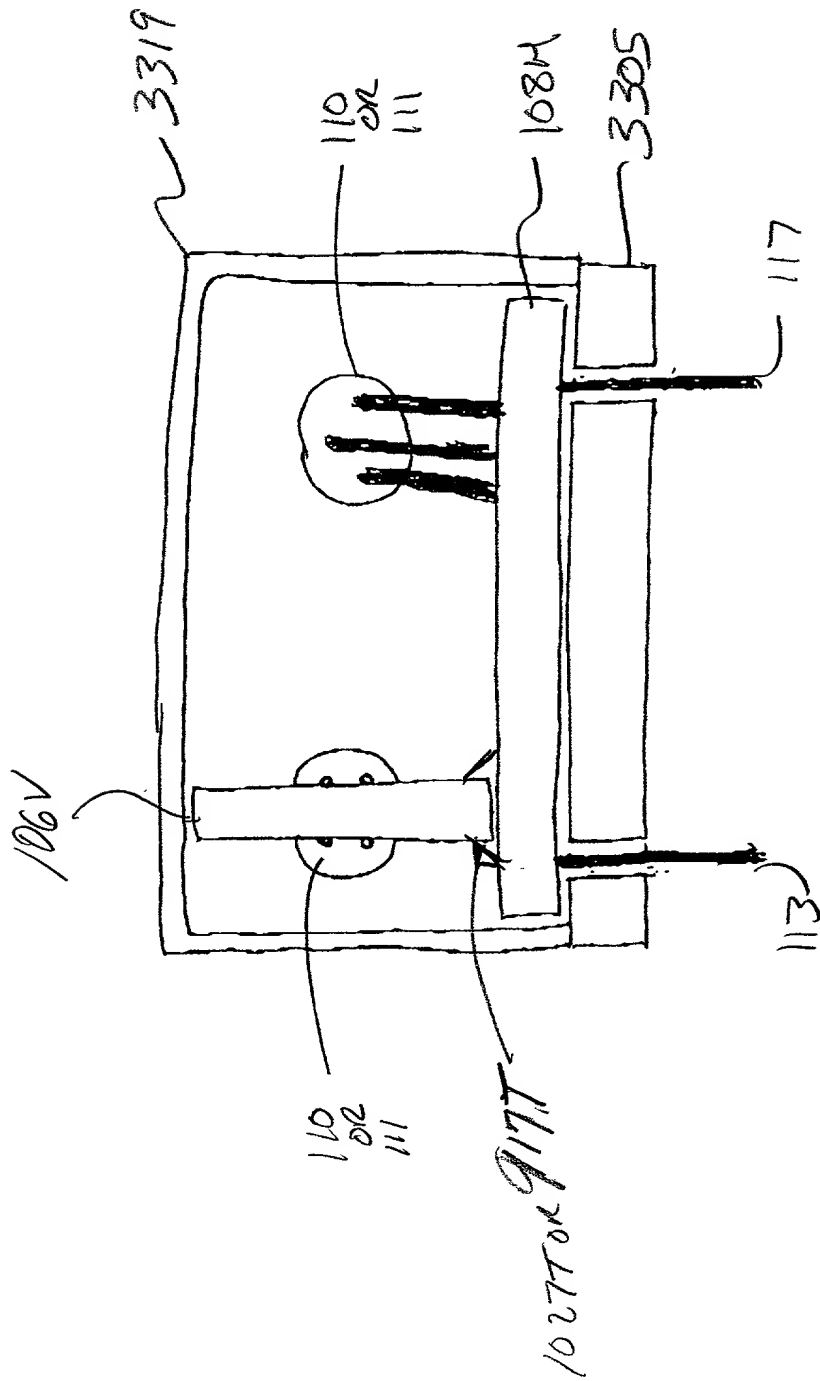


FIGURE 33: